CCGS W.E. Ricker Gulf of Alaska Salmon Survey, October 20 – November 21, 2004

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CCGS W. E. RICKER GULF OF ALASKA SALMON SURVEY, OCTOBER 20 - NOVEMBER 21, 2004

by

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ABSTRACT

Morris, J. F. T., Trudel, M., Thiess, M. E., Zubkowski, T. B., and MacLean, H. R. 2007. *CCGS W.E. Ricker* Gulf of Alaska salmon survey, October 20 - November 21, 2004. Can. Data Rep. Fish. Aquat. Sci. 1184: 121 p.

The Highseas Salmon program of Fisheries and Oceans Canada conducted a survey of Pacific salmon in the Gulf of Alaska during October 20 - November 21, 2004. The objectives of the surveys were to (1) evaluate the distribution and ecology of juvenile Pacific salmon (*Oncorhynchus spp.*) during their first year in the ocean, (2) describe the ambient oceanographic conditions, and (3) quantify the biomass of zooplankton. Fish, oceanographic, and zooplankton sampling was conducted at stations spanning the area from Barkley Sound on the west coast of Vancouver Island in British Columbia (48.86° N) to Icy Strait in Southeast Alaska (58.28 ° N).

A total of 2072 Pacific salmon were caught on the survey. Of these, 354 were juvenile pink salmon (*O. gorbuscha*), 471 were juvenile chum salmon (*O. keta*), 195 were juvenile sockeye salmon (*O. nerka*) and 299 were juvenile coho salmon (*O. kisutch*) in their first fall in the ocean and 589 were chinook salmon (*O. tshawytscha*) under 350 mm in fork length.

Juvenile pink, chum, and coho were caught on the shelf throughout the survey area from the west coast of Vancouver Island to Southeast Alaska, and along the inside passages on the central coast of British Columbia and Southeast Alaska. Juvenile sockeye were caught on the shelf and along the inside passages from Queen Charlotte Sound to Southeast Alaska. None were caught on the west coast of Vancouver Island.

Juvenile chinook from 100 to 199 mm in fork length, that are most likely ocean ecotypes, were caught primarily inside the inlets and close to the beach along the shelf off the west coast of Vancouver Island. Juvenile chinook from 200 to 350 mm in fork length, that are most likely age 1.0 stream ecotypes, were more wide-spreadly distributed. They were caught on the shelf and within the inlets on the west coast of Vancouver Island, Portland Inlet, Dixon Entrance, and in Sumner Strait and Icy Strait in Southeast Alaska.

RÉSUMÉ

Morris, J. F. T., Trudel, M., Thiess, M. E., Zubkowski, T. B., and MacLean, H. R. 2007. Campagne d'évaluation des saumons dans le Golfe de l'Alaska à bord du *CCGS W.E. Ricker* entre le 20 octobre et le 21 novembre 2004. Can. Data Rep. Fish. Aquat. Sci. 1184: 121 p.

Le programme canadien des Saumons en Haute Mer de Pêches de Océans Canada a réalisé une étude sur les saumons du Pacifique dans le Golfe de l'Alaska du 20 octobre au 21 novembre 2004. Les objectifs de cette étude était de (1) évaluer la distribution et l'écologie des saumons du Pacifique (*Oncorhynchus* spp.) juvéniles durant leur première année en mer, (2) décrire les conditions océanographiques ambiantes, et (3) quantifier la biomasse de zooplancton. Nous avons mesuré les conditions océanographiques et échantillonné le zooplancton et les poissons à des stations situées entre le détroit de Barkley sur la côte ouest de l'Île de Vancouver (48.86° N) et le détroit de Icy dans le Sud-Est de l'Alaska (58.28°N).

En tout, 2072 saumons du Pacifique ont été capturés durant cette étude. De ces poissons, 354 étaient des saumons juvéniles roses (*O. gotbuscha*), 471 étaient des saumons juvéniles kétas (*O. keta*), 195 étaient des saumons juvéniles rouges (*O. nerka*), 299 étaient des saumons juvéniles cohos (*O. kisutch*) durant leur première année en mer et 350 saumons quinnats (*O. tshawytscha*) ayant une longueur à la fourche inférieure à 350 mm.

Les saumons roses, kétas, et cohos juvéniles ont été capturés sur le plateau continental sur toute l'aire échantillonnée entre la côte ouest de l'Île de Vancouver et le Sud-Est de l'Alaska, ainsi que dans les eaux intérieures de la côte centrale de la Colombie-Britannique et du Sud-Est de l'Alaska. Les saumons rouges juvéniles ont été capturés sur le plateau continental et dans les eaux intérieures entre le détroit de la Reine Charlotte et le Sud-Est de l'Alaska. Aucun saumon rouge juvénile n'a été capturé sur la côte ouest de l'Île de Vancouver.

Les saumons quinnats juvéniles ayant une longueur à la fourche entre 100 et 199 mm, qui sont probablement de type océanique, ont été principalement capturés dans les goulets et le long du rivage sur la côte ouest de l'Île de Vancouver. Les saumons quinnats juvéniles ayant une longueur à la fourche entre 200 et 350 mm, qui sont probablement de type riverain, étaient davantage dispersés. Ils ont été capturés sur le plateau continental et dans les goulets de la côte ouest de l'Île de Vancouver, du bras de Portland, le détroit de Dixon, et dans les détroits de Sumner et de Icy dans le Sud-Est de l'Alaska.

INTRODUCTION

The Highseas Program of Fisheries and Oceans Canada has conducted annual Pacific salmon surveys in the Gulf of Alaska since 1995 [1-22]. The main objectives of these surveys were to collect information on (1) the distribution and ecology of Pacific salmon (*Oncorhynchus spp.*) during their ocean phase, (2) the ambient oceanographic conditions, and (3) the distribution and biomass of zooplankton.

This report documents the data collected for the survey completed during October 20 - November 21, 2004. The survey design comprised fish, oceanographic and zooplankton sampling from the west coast of Vancouver Island to Southeast Alaska.

MATERIALS AND METHODS

General Survey Information

Figures 1, 2, and 3 show the fishing, oceanographic and zooplankton stations, respectively, completed by the *CCGS W.E. Ricker* on the October 20 November 21, 2004 survey. A total of 126 fishing stations, 125 oceanographic stations, and 123 zooplankton stations were completed.

The survey conducted scientific operations off the west coast of Vancouver Island, in Queen Charlotte Sound, in the inside channels on the central coast of British Columbia, in Hecate Strait, in Dixon Entrance, in the inside channels of Southeast Alaska, and on the shelf off Southeast Alaska. Two cross-shelf transects were completed: one starting from a position within the Sea Otter Group in Queen Charlotte Sound and running through Triangle Island to the offshore; and a second running through a point just south of Forrester Island in Southeast Alaska.

Fishing Gear and Fishing Operations

The survey was conducted on the *CCGS W.E. Ricker*, a stern trawler 58 m in length which is powered by a 2,500 H.P. model AH 40 Akasaka diesel engine.

The *CCGS W.E. Ricker* towed a mid-water trawl, originally manufactured by Cantrawl Nets Ltd., Richmond, BC, and later modified to a model 240 trawl by the fishing crew. The trawl has a heavy-duty front end of hexagonal web made from 3/8 in. (9.5 mm) and 5/16 in. (7.9 mm) Tenex rope, and a tapered body made-up of 64 in. (163 cm), 32 in. (81.3 cm), 16 in. (40.6 cm), 8 in. (20.3 cm) and 4 in. (10.2 cm) polypropylene sections, an intermediate section of 3 in. (7.6 cm) polypropylene, and a codend of 1.5 in. (3.8 cm) knotted nylon lined with 0.25 in. mesh (64 mm). The trawl has three 40 m bridles of 5/8 in. (1.6 cm) wire rope per side that are attached with a single hook-up to 5 m Jet doors. Typically, 100-150 m of 1.25 in. (3.2 cm) warp was paid out to tow the trawl at the surface.

The *CCGS W.E. Ricker* was able to tow the trawl at the surface at 5 knots (2.6 m s^{-1}) in good sea conditions, and this typically achieved a mouth opening of approximately 28 m wide by 16 m deep as measured acoustically by a Scanmar trawl eye mounted on the headrope. In rough weather, the trawl was towed at headrope depths down to 15 m.

Oceanographic Sampling

At oceanographic stations, the scientific crew (1) conducted CTD (conductivity-temperature-depth) casts, (2) collected seawater samples at 10 m from the surface with a Niskin bottle for nitrate, phosphate, silicate, and salinity, and (3) filtered surface seawater on GF/F glass fibre filter disks for chlorophyll *a*.

Nitrate, phosphate, and silicate samples were collected in acid-washed glass test tubes, and the glass fiber disks were folded and placed in polypropylene scintillation vials. All these samples were stored frozen.

CTD casts were conducted to 250 m or within 5 m of the bottom with a Seabird SBE 911+ probe. Several calibration samples from selected CTD casts were collected over the course of the survey with Niskin bottles at depths where the salinities were stable.

Zooplankton Sampling

Vertical bongo tows to approximately 150 m or within 10 m of the bottom were conducted with two 57 cm diameter, 253 μm Nitex nets. One of the nets was equipped with a flowmeter.

Zooplankton collected from the net with the flowmeter were preserved in 10% formalin and sent to the zooplankton laboratory at the Institute of Ocean Sciences, Fisheries and Oceans Canada (Sidney, BC) for species classification and enumeration. Zooplankton taken from the net without flowmeter were sorted into four size fractions by successively sieving through 8.0, 1.7, 1.0, and 0.25 mm screens. Each size fraction was weighed wet, dried at 60°C for 48 hours, re-weighed, and stored in plastic bags for future stable isotope, bomb calorimetry, and proximate analyses.

RESULTS

Salmon Catch Data

Tables 1 and 2 report information on trawl tows and a summary of Pacific salmon catches for this survey. Tow information includes: station ID, transect name, sampling region, date and time, start latitude (°N) and longitude (°W), heading (°T; degrees true), and bottom depth (m). Station ID numbers consisted of the Pacific Biological Station cruise designation ("HS200432", where HS stands for High Seas), followed by a tow number (e.g., "HS200432-IVI01" for a tow #1 inside the inlets on the west coast of

Vancouver Island, British Columbia). The station ID number serves as the primary key in the High Seas salmon database that links fishing tow information with the oceanographic and zooplankton tables.

For each tow, catch totals are provided for all chinook salmon (*O. tshawytscha*) ("CK") that includes all ages and size classes, and separately for juveniles and adults of chum salmon (*O. keta*) ("CM"), coho salmon (*O. kisutch*) ("CO"), pink salmon (*O. gorbuscha*) ("PK"), and sockeye salmon (*O. nerka*) ("SE"). In this report, "juveniles" are defined as fish in their first fall in the ocean (age X.0+), while "adults" include all older age groups (age X.1+ or older). Age separation was determined based on examination of size distributions (fork length) which showed non-overlapping size modes for chum, coho, pink, and sockeye salmon. Chinook salmon were not divided into juveniles and adults based on size since there is considerable overlap among size modes that represent the multiple age groups.

Table 2 provides catch totals for each tow for size classes of chinook salmon that include chinook less than 100 mm, chinook from 100 to 199 mm, chinook from 200 to 299 mm, chinook from 300 to 349 mm, chinook from 350 to 399 mm, chinook from 400 to 499 mm, and chinook 500 mm and more in forklength.

The abbreviations for the regions in the tables are:

ISEA	Inside channels of Southeast Alaska
SEA	Southeast Alaska
DE	Dixon Entrance
HS	Hecate Strait
IBC	Inside channels on the central coast of British Columbia
QCSD	Queen Charlotte Sound
VI	West coast Vancouver Island
IVI	Inlets on the west coast of Vancouver Island
GS	Georgia Strait, B.C.

Biological Data

Table 3 reports the detailed biological data collected from each Pacific salmon caught during the survey. Individual salmon were assigned a fish number which consisted of the cruise identifier (e.g., "HS200432"), followed hierarchically by tow number, species code, and sample number. For example, "HS200432-DE01-124-001" refers to tow number DE01 or tow #1 in Dixon Entrance, species code "124" for chinook salmon, and the sample number "001" (within tow and species). We used the following codes from Fisheries and Oceans' Salmon Stock Assessment database: 108, pink salmon; 112, chum salmon; 115, coho salmon; 118, sockeye salmon; and 124, chinook salmon.

Biological data collected for each salmon includes (when available): species common name, fork length (mm), whole body weight (g wet), sex, stomach content

weight (g wet), % water (based on the ratio of dry to wet whole body weight), coded wire tag number (CWT; if present), pit tag number (if present), and observed fin clip (if present).

Juvenile Salmon Catch Distributions

Juvenile pink (age 0.0) were caught on the shelf throughout the range of the survey from the west coast of Vancouver Island to Southeast Alaska (Fig. 4). Juvenile pink catches were highest in Queen Charlotte Sound, Hecate Strait, and Dixon Entrance which forms the juvenile salmon migration corridor for British Columbia stocks, ranging from 1 - 125 fish / tow. Juvenile pink were caught on three tows within the range of 1 - 25 fish / tow off the west coast of Vancouver Island, and more tows but within the range of 1 - 5 fish / tow in Southeast Alaska.

Juvenile chum (age 0.0) were caught primarily in Queen Charlotte Sound and Hecate Strait ranging from 1 - 625 fish / tow (Fig. 5). They were caught occasionally in Southeast Alaska, Dixon Entrance, and on the west coast of Vancouver Island within the range of 1 - 5 fish / tow.

Juvenile sockeye (age 0.0) were consistently caught in Queen Charlotte Sound, Hecate Strait, Dixon Entrance, and Southeast Alaska within the range of 1-25 fish / tow (Fig. 6). None were caught off the west coast of Vancouver Island.

Juvenile coho (age 1.0) were caught primarily on the west coast of Vancouver Island, Dixon Entrance, Portland Inlet, and off Southeast Alaska ranging mostly from 1-125 fish per tow (Fig. 7). The one exception was a tow in Quatsino Channel on Vancouver Island where 162 juvenile coho were caught. In Southeast Alaska, juvenile coho were only caught close to the mouth of the Stikine River in Sumner Strait and Frederick Sound. Here, they were caught within the range of 1 - 5 fish / tow.

Juvenile chinook from 100 to 199 mm in fork length, that are most likely age 0.0 ocean ecotypes, were caught primarily on the shelf and within the inlets on the west coast of Vancouver Island within the range of 1 – 125 fish / tow (Fig. 9).

Juvenile chinook from 200 to 399 mm, that are most likely age 1.0 stream ecotypes were caught on the west coast of Vancouver Island, Portland Inlet , Dixon Entrance, and in Sumner Strait and Icy Strait in Southeast Alaska within the range of 1-125 fish per tow (Fig. 10, 11, and 12). Interestingly, no juvenile chinook were caught in Clarence Strait or Frederick Sound in Southeast Alaska.

Size Comparisons of Juvenile Salmon Among Regions

Figure 20 shows the length frequencies for each species of salmon caught on the cruise.

Juvenile pink (age 0.0) were significantly greater in forklength in the north than in the south ($F = 172.5$, $p < 0.001$) (Fig. 21). Juvenile pink averaged 250 mm in Dixon Entrance and Southeast Alaska, 203 mm on the central coast of British Columbia that includes Hecate Strait and Queen Charlotte Sound; and 181 mm on the west coast of Vancouver Island.

Juvenile chum (age 0.0) were significantly greater in forklength in Dixon Entrance than on the central coast of British Columbia ($F = 13.9$, $p < 0.001$) (Fig. 22), where they averaged 230 and 209 mm, respectively.

Juvenile sockeye (age X.0) were significantly greater in forklength in Dixon Entrance and Southeast Alaska than on the central coast of BC ($F = 149$, $p < 0.001$) (Fig. 23), where they averaged 205 mm and 181 mm, respectively.

Juvenile coho (age X.0) were significantly greater in forklength in the north than in the south ($F = 23.6$, $p<0.001$) (Fig. 24). Juvenile coho averaged 331 mm in Dixon Entrance and Southeast Alaska, 318 mm on the central coast of British Columbia, and 307 mm on the west coast of Vancouver Island.

Figure 25 shows the the size distributions by region for chinook salmon. A regional comparison of sizes of juvenile chinook for specific ocean age classes was not attempted due to the considerable overlap among size modes that represent multiple age groups.

CWT Recoveries

Table 6 reports the details on the coded wire tag (CWT) salmon caught during the survey. Reported information includes: the coded wire tag number, the assigned fish number, species common name, the date and region of recovery, the fork length (mm) at capture, the release area, the name of the agency and hatchery that released the tagged fish, the brood year, and dates of first and second hatchery releases.

On this survey, 24 CWT's were recovered. Of these, three CWT juvenile chinook and three CWT juvenile coho were from the Columbia River. Of the three CWT juvenile chinook, two stream type (age 1.0) from the lower Columbia River were caught in Dixon Entrance and inside Southeast Alaska, and one stream type from the upper Columbia River was caught on the west coast of Vancouver Island. Of the three Columbia River CWT juvenile coho (age 1.0), one was caught off Southeast Alaska, and two were caught on the west coast of Vancouver Island.

The abbreviations for release agencies in Table 6 are:

ADFG	Alaska Department of Fish and Game
AFSP	Aboriginal Fishery Strategy Program (BC)
CDFO	Canadian Department of Fisheries and Oceans
CDFR	Canada Dept. of Fisheries and Oceans – Research

COOP	Washington Department of Fisheries – Cooperative
FWS	U.S. Fisheries and Wildlife Service
NMFS	National Marine Fisheries Service (AK)
SSRA	Southern Southeast Regional Aquaculture Assn., Alaska
SUQ	Suquamish Tribe, Washington
WDFW	Washington Department of Fish and Wlidlife
YAKA	Yakama Tribe (WA)

The abbreviations for release areas in Table 6 are:

HOOD	Hood Canal, WA
LOCR	Lower Columbia River
MPS	Puget Sound South, WA
NASK	Nass R - Skeena R, B.C.
SEAK	Southeast Alaska
UPCR	Upper Columbia River
WCVI	west coast Vancouver Island, B.C.

Oceanographic Data

Table 4 reports the physical oceanographic data collected during the survey, including the station ID number, transect, region, the date and time in UTC, the latitude (°N) and longitude (°W), sea surface temperature (SST; °C), and salinity (SSS; ppt) taken from the CTD files, sea surface salinities (ppt) determined from the sample bottles that were used to calibrate the CTD probe, nitrate, silicate and phosphate concentrations (μmol L^{-1}), and chlorophyll *a* (μg L^{-1}).

The contact procedure to obtain the CTD files is available at:

http://www-sci.pac.dfo-mpo.gc.ca/osap/data/default_e.htm

Zooplankton Data

Table 5 reports the zooplankton data by station collected by the Bongo tows, including the station ID number, transect, region, latitude (°N) and longitude (°W), bottom depth (m), the date and time, target depth (m), tow duration, wire angle (degrees), and volume of ocean water sampled in cubic meters that is calculated from the flow meter readings. Also shown are the dry weights (g) of zooplankton which were standardised to 1,000 cubic meters sampled for the 8.0, 1.7, 1.0, and 0.25 mm size factions as well as for the total sample.

The contact procedure to obtain detail species records from selected plankton sampling stations is available at:

http://www.pac.dfo-mpo.gc.ca/sci/osap/projects/plankton/zooplanktondatabase_e.htm

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Table 1. Tow positions and catch summaries of Pacific salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date	Time	Latitude (°N)	Longitude (°W)	Heading (°T)	SOG (kts)	Bottom Depth (m)	CK all	CM Juv	CM ad.	CO Juv	CO Ad.	PK Juv	PK Ad.	SE Juv	SE Ad.
HS200432-IVI01	BARKLEY SD	IVI	20-Oct-04	07:44	48.965	125.119	218	6.74	90	5	0	0	0	0	0	0	0	0
HS200432-IVI02	BARKLEY SD	IVI	20-Oct-04	10:05	48.916	125.203	217	5.59	95	6	0	0	0	0	2	0	0	0
HS200432-IVI03	BARKLEY SD	IVI	20-Oct-04	11:53	48.842	125.261	189	5.34	98	1	0	1	1	0	0	0	0	0
HS200432-VI01	LAPEROUSE BK - OFF UCLUELET	VI	20-Oct-04	14:04	48.760	125.428	231	6.31	101	0	0	0	0	0	0	0	0	0
HS200432-VI02	LAPEROUSE BK - OFF UCLUELET	VI	20-Oct-04	15:46	48.669	125.581	225	5.8	196	1	0	0	1	0	0	0	0	0
HS200432-VI03	LAPEROUSE BK - OFF UCLUELET	VI	20-Oct-04	17:53	48.569	125.740	229	5.28	72	1	0	1	0	0	0	0	0	0
HS200432-VI04	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	07:19	49.092	126.015	227	5.26	41	1	0	0	0	0	0	0	0	0
HS200432-VI05	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	09:02	49.046	126.119	225	5.25	57	0	1	0	1	0	0	0	0	0
HS200432-VI06	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	10:32	48.978	126.224	225	5.11	101	0	0	1	1	0	0	0	0	0
HS200432-VI07	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	12:14	48.912	126.311	227	5.68	134	0	0	1	0	0	0	0	0	0
HS200432-VI08	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	13:43	48.853	126.415	227	4.95	173	0	0	0	0	0	0	0	0	0
HS200432-VI09	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	15:08	48.801	126.510	227	4.76	258	0	0	0	0	0	0	0	0	0
HS200432-IVI04	HECATE CH	IVI	22-Oct-04	11:39	49.864	126.744	319	5.7	249	56	0	0	2	0	0	0	0	0
HS200432-IVI05	ESPERANZA INLET	IVI	22-Oct-04	13:08	49.936	126.806	176	7.46	208	78	0	73	0	1	0	0	0	0
HS200432-IVI06	ESPERANZA INLET	IVI	22-Oct-04	14:29	49.874	126.828	250	5.53	226	1	0	1	0	0	0	0	0	0
HS200432-IVI07	ESPINOSA INLET	IVI	22-Oct-04	16:15	49.922	126.932	174	5.55	266	6	0	0	0	0	0	0	0	0
HS200432-IVI08	ESPERANZA INLET	IVI	22-Oct-04	17:54	49.838	126.987	69	5.91	100	33	0	0	0	0	0	0	0	0
HS200432-VI11	OFF ESPERANZA	VI	23-Oct-04	07:29	49.766	127.080	230	5.33	51	0	0	0	2	0	0	0	0	0
HS200432-VI12	OFF ESPERANZA	VI	23-Oct-04	08:54	49.716	127.189	249	5.47	101	0	0	0	0	0	0	0	0	0
HS200432-VI13	OFF ESPERANZA	VI	23-Oct-04	10:38	49.657	127.313	234	4.45	133	0	0	0	0	0	0	0	0	0
HS200432-VI14	OFF ESPERANZA	VI	23-Oct-04	13:03	49.643	127.465	328	5.64	680	1	0	0	0	0	0	0	0	0
HS200432-VI15	OFF ESPERANZA	VI	23-Oct-04	14:58	49.784	127.435	321	6.03	76	0	0	0	0	0	0	0	0	0
HS200432-VI16	OFF KYUQUOT	VI	23-Oct-04	16:12	49.843	127.475	72	4.79	73	0	0	0	1	0	0	0	0	0
HS200432-VI17	OFF KYUQUOT	VI	23-Oct-04	17:06	49.877	127.410	339	5.54	66	2	0	0	1	0	0	0	0	0
HS200432-IVI09	KYUQUOT CH	IVI	24-Oct-04	07:32	50.097	127.137	235	6.04	137	11	0	42	0	1	0	0	0	0
HS200432-IVI10	KYUQUOT CH	IVI	24-Oct-04	09:10	50.095	127.252	181	5.88	158	2	0	0	4	0	0	0	0	0
HS200432-IVI11	KYUQUOT CH	IVI	24-Oct-04	10:49	50.000	127.202	239	5.52	164	1	0	0	3	1	0	0	0	0
HS200432-VI18	OFF KYUQUOT	VI	24-Oct-04	12:41	49.938	127.329	289	6.22	60	18	0	0	18	0	9	0	0	0
HS200432-VI19	OFF KYUQUOT	VI	24-Oct-04	13:59	49.959	127.469	286	6.58	45	1	0	0	1	0	3	0	0	0
HS200432-IVI12	QUATSINO SD	IVI	25-Oct-04	07:31	50.407	127.494	334	5.86	135	12	0	20	0	0	0	0	0	0

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Station ID	Station	Region	Date	Time	Latitude (°N)	Longitude (°W)	Heading (°T)	SOG (kts)	Bottom Depth (m)	CK all	CM Juv	CM ad.	CO Juv	CO Ad.	PK Juv	PK Ad.	SE Juv	SE Ad.
HS200432-IVI13	QUATSINO SD	IVI	25-Oct-04	09:01	50.444	127.522	329	5.76	156	28	0	0	2	0	0	0	0	0
HS200432-IVI14	QUATSINO SD	IVI	25-Oct-04	10:38	50.519	127.668	240	6.26	149	24	2	2	162	0	0	0	0	0
HS200432-IVI15	QUATSINO SD	IVI	25-Oct-04	12:32	50.498	127.795	254	4.77	130	2	0	0	3	0	0	0	0	0
HS200432-IVI16	QUATSINO SD	IVI	25-Oct-04	14:55	50.468	127.890	266	5.92	107	1	0	0	0	0	0	0	0	0
HS200432-VI20	OFF QUATSINO SD	VI	25-Oct-04	16:35	50.408	128.070	296	5.45	67	0	0	0	0	0	0	0	0	0
HS200432-VI21	OFF QUATSINO SD	VI	25-Oct-04	17:29	50.436	128.168	286	5.25	84	0	0	0	0	0	0	0	0	0
HS200432-T01	TRIANGLE ISLAND	QCSD	26-Oct-04	07:18	51.272	128.346	227	5.84	75	0	10	0	0	0	2	0	1	0
HS200432-T02	TRIANGLE ISLAND	QCSD	26-Oct-04	08:55	51.202	128.492	230	5.54	191	0	1	0	0	0	0	0	0	0
HS200432-T03	TRIANGLE ISLAND	QCSD	26-Oct-04	10:28	51.134	128.618	227	5.6	127	0	19	0	0	0	0	0	0	0
HS200432-T04	TRIANGLE ISLAND	QCSD	26-Oct-04	12:16	51.060	128.748	228	5.52	61	0	189	0	1	0	59	0	2	0
HS200432-T05	TRIANGLE ISLAND	QCSD	26-Oct-04	13:45	50.985	128.911	229	5.64	67	0	36	0	1	0	15	0	1	0
HS200432-T06	TRIANGLE ISLAND	QCSD	26-Oct-04	15:04	50.930	129.024	241	5.71	67	0	18	0	0	0	1	0	0	0
HS200432-T07	TRIANGLE ISLAND	VI	26-Oct-04	16:05	50.823	129.257	233	5.21	121	0	0	0	0	0	0	0	0	0
HS200432-T09	TRIANGLE ISLAND	VI	27-Oct-04	12:47	50.635	129.625	51	6.15	2051	0	0	0	0	0	0	0	0	0
HS200432-T08	TRIANGLE ISLAND	VI	27-Oct-04	14:27	50.710	129.457	51	5.37	1262	0	0	0	0	0	0	0	0	0
HS200432-QCSD01	QUEEN CHARLOTTE SD	QCSD	27-Oct-04	16:00	50.880	129.435	336	5.78	178	0	0	0	0	0	0	0	0	0
HS200432-H07	HECATE ST	HS	28-Oct-04	07:23	52.523	130.714	107	5.35	101	0	0	0	0	0	0	0	0	0
HS200432-H06	HECATE ST	HS	28-Oct-04	09:15	52.478	130.447	106	5.49	192	0	44	0	0	0	64	0	17	0
HS200432-H05	HECATE ST	HS	28-Oct-04	11:05	52.420	130.176	108	5.92	312	0	105	0	0	0	66	0	19	0
HS200432-H04	HECATE ST	HS	28-Oct-04	12:49	52.366	129.928	104	5.76	190	0	0	0	0	0	3	0	0	0
HS200432-H03	HECATE ST	HS	28-Oct-04	14:33	52.307	129.653	107	6.29	206	0	0	0	0	0	2	0	0	0
HS200432-H02	HECATE ST	HS	28-Oct-04	16:12	52.251	129.406	114	5.7	156	0	0	0	0	0	0	0	0	0
HS200432-H01	HECATE ST	HS	28-Oct-04	18:03	52.196	129.147	122	5.02	159	0	1	0	0	0	0	0	0	0
HS200432-GS01	GEORGIA ST - N. TEXADA IS	GS	10-Nov-04	07:14	49.734	124.679	248	6.11	340	3	2	0	0	0	0	0	0	0
HS200432-GS02	GEORGIA ST - C LAZO	GS	10-Nov-04	08:17	49.716	124.820	323	6.03	82	1	1	0	1	0	1	0	0	0
HS200432-GS03	GEORGIA ST - C LAZO	GS	10-Nov-04	09:15	49.765	124.894	306	5.74	58	0	0	0	0	0	0	0	0	0
HS200432-GS04	GEORGIA ST - C LAZO	GS	10-Nov-04	10:17	49.828	125.012	315	6.26	72	2	0	0	0	0	0	0	0	0
HS200432-GS05	GEORGIA ST - KUHASHAN PT	GS	10-Nov-04	11:08	49.881	125.086	327	6	78	0	0	0	0	0	0	0	0	0
HS200432-GS06	GEORGIA ST - KUHASHAN PT	GS	10-Nov-04	12:12	49.909	125.013	341	6.61	319	0	0	0	0	0	0	0	0	0
HS200432-GS07	GEORGIA ST - C MUDGE	GS	10-Nov-04	13:03	49.965	125.062	268	4.4	265	0	0	0	0	0	0	0	0	0

Table 1. Tow positions and catch summaries of Pacific salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date	Time	Latitude (°N)	Longitude (°W)	Heading (°T)	SOG (kts)	Bottom Depth (m)	CK all	CM Juv	CM ad.	CO Juv	CO Ad.	PK Juv	PK Ad.	SE Juv	SE Ad.
HS200432-HS01	HECATE ST	HS	11-Nov-04	09:25	52.013	129.212	320	5.78	170	0	18	0	0	0	13	0	6	0
HS200432-FI01	FORRESTER IS	SEA	12-Nov-04	07:35	54.800	133.082	260	6.12	183	0	0	0	18	0	17	0	5	0
HS200432-FI02	FORRESTER IS	SEA	12-Nov-04	09:10	54.787	133.201	242	4.8	198	0	0	0	0	0	0	0	0	0
HS200432-FI03	FORRESTER IS	SEA	12-Nov-04	10:40	54.755	133.320	227	3.88	133	0	0	0	0	0	0	0	0	0
HS200432-DE06	DIXON ENTRANCE	DE	13-Nov-04	07:34	54.222	132.911	124	5.35	120	3	0	0	27	0	12	0	2	0
HS200432-DE05	DIXON ENTRANCE	DE	13-Nov-04	09:02	54.178	132.721	93	7.6	59	0	1	0	1	0	1	0	0	0
HS200432-DE04	DIXON ENTRANCE	DE	13-Nov-04	10:38	54.135	132.432	81	7.55	62	0	0	0	1	0	0	0	0	0
HS200432-DE03	DIXON ENTRANCE	DE	13-Nov-04	12:23	54.147	132.169	61	6.92	48	0	0	0	0	0	0	0	0	0
HS200432-DE02	DIXON ENTRANCE	DE	13-Nov-04	13:55	54.141	131.945	74	6.51	49	0	0	0	0	0	1	0	0	0
HS200432-DE01	DIXON ENTRANCE	DE	13-Nov-04	15:19	54.233	131.703	48	6.06	116	26	1	0	9	0	26	0	3	0
HS200432-IBC01	PORTLAND INLET	IBC	14-Nov-04	07:55	54.996	130.040	214	6.94	197	23	0	0	4	0	0	0	0	0
HS200432-IBC02	PORTLAND INLET	IBC	14-Nov-04	09:38	54.862	130.202	212	6.06	356	0	0	0	4	0	0	0	0	0
HS200432-IBC03	PORTLAND INLET	IBC	14-Nov-04	11:09	54.796	130.300	224	5.05	456	0	0	0	11	0	4	0	2	0
HS200432-IBC04	PORTLAND INLET	IBC	14-Nov-04	12:49	54.735	130.418	199	5.2	500	0	2	0	11	0	1	0	0	0
HS200432-IBC05	MAIN PASSAGE	IBC	14-Nov-04	14:39	54.681	130.609	276	6.91	216	0	1	0	0	0	1	0	0	0
HS200432-IBC06	MAIN PASSAGE	IBC	14-Nov-04	16:12	54.682	130.792	268	7.36	323	1	10	0	2	0	15	0	4	0
HS200432-IBC07	MAIN PASSAGE	IBC	14-Nov-04	17:02	54.687	130.941	286	6.43	450	4	1	0	1	0	17	0	1	0
HS200432-ISEA01	STIKENE ST	ISEA	15-Nov-04	07:29	56.456	132.484	252	6.34	182	3	0	0	1	0	0	0	4	0
HS200432-ISEA02	SUMNER ST	ISEA	15-Nov-04	09:17	56.513	132.675	230	6.51	82	29	0	0	1	0	0	0	1	0
HS200432-ISEA03	SUMNER ST	ISEA	15-Nov-04	10:39	56.476	132.781	285	6.17	121	35	0	0	0	0	0	0	0	0
HS200432-ISEA04	SUMNER ST	ISEA	15-Nov-04	12:30	56.491	132.902	241	6.44	121	43	0	0	0	0	0	0	25	0
HS200432-ISEA05	SUMNER ST	ISEA	15-Nov-04	14:54	56.371	133.287	270	6.25	232	9	0	0	0	0	0	0	1	0
HS200432-ISEA06	SUMNER ST	ISEA	15-Nov-04	16:15	56.374	133.432	275	6.68	253	39	0	0	0	0	0	0	0	0
HS200432-ISEA07	SUMNER ST	ISEA	15-Nov-04	17:08	56.388	133.585	291	7.81	413	21	0	0	0	0	0	0	0	0
HS200432-ISEA08	FREDERICK SD	ISEA	16-Nov-04	07:25	56.986	134.271	40	5.67	324	0	0	0	0	0	1	0	0	0
HS200432-ISEA09	FREDERICK SD	ISEA	16-Nov-04	09:09	57.090	134.085	24	6.44	351	0	0	0	0	0	0	0	0	0
HS200432-ISEA10	FREDERICK SD	ISEA	16-Nov-04	10:51	57.160	133.840	84	6.75	250	0	0	0	0	0	0	0	0	0
HS200432-ISEA11	FREDERICK SD	ISEA	16-Nov-04	12:41	57.144	133.547	113	5.52	148	0	0	0	0	0	0	0	0	0
HS200432-ISEA12	FREDERICK SD	ISEA	16-Nov-04	14:25	57.084	133.314	111	5.26	147	0	0	0	0	0	0	0	0	0
HS200432-ISEA13	FREDERICK SD	ISEA	16-Nov-04	16:05	57.035	133.081	147	5.57	148	0	0	0	1	0	2	0	0	0

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Station ID	Station	Region	Date	Time	Latitude (°N)	Longitude (°W)	Heading (°T)	SOG (kts)	Bottom Depth (m)	CK all	CM Juv	CM ad.	CO Juv	CO Ad.	PK Juv	PK Ad.	SE Juv	SE Ad.
HS200432-ISEA14	FREDERICK SD	ISEA	16-Nov-04	18:19	56.850	132.876	141	5.28	190	1	0	0	0	0	0	0	0	0
HS200432-ISEA15	CHATHAM ST	ISEA	17-Nov-04	07:23	57.083	134.696	345	5.46	633	0	0	0	0	0	2	0	0	0
HS200432-ISEA16	CHATHAM ST	ISEA	17-Nov-04	09:46	57.311	134.744	357	6.2	738	0	0	0	0	0	0	0	0	0
HS200432-ISEA17	CHATHAM ST	ISEA	17-Nov-04	12:10	57.483	134.764	342	6.58	306	0	1	0	0	0	1	0	0	0
HS200432-ISEA18	CHATHAM ST	ISEA	17-Nov-04	13:48	57.628	134.799	352	6.67	561	0	0	0	0	0	1	0	0	0
HS200432-ISEA19	CHATHAM ST	ISEA	17-Nov-04	15:24	57.767	134.847	352	7.07	519	0	0	0	0	0	0	0	0	0
HS200432-ISEA20	CHATHAM ST	ISEA	17-Nov-04	17:05	57.922	134.868	6	6.52	446	0	0	0	0	0	0	0	0	0
HS200432-ISEA21	ICY ST	ISEA	18-Nov-04	07:18	58.222	135.525	294	6.17	102	3	0	0	0	0	0	0	1	0
HS200432-ISEA22	ICY ST	ISEA	18-Nov-04	08:52	58.288	135.735	359	6.97	134	0	0	0	0	0	0	0	0	0
HS200432-ISEA23	ICY ST	ISEA	18-Nov-04	10:13	58.365	135.795	231	6.54	44	0	0	0	0	0	0	0	1	0
HS200432-ISEA24	ICY ST	ISEA	18-Nov-04	12:02	58.268	135.906	247	6.67	69	2	0	0	0	0	1	0	0	0
HS200432-ISEA25	ICY ST	ISEA	18-Nov-04	13:10	58.235	136.037	273	6.49	75	1	0	0	0	0	0	0	0	0
HS200432-ISEA26	ICY ST	ISEA	18-Nov-04	15:03	58.307	136.312	83	5.85	246	0	0	0	0	0	0	0	0	0
HS200432-ISEA27	ICY ST	ISEA	18-Nov-04	16:24	58.329	136.139	73	6.48	148	0	0	0	0	0	0	0	0	0
HS200432-ISEA28	ICY ST	ISEA	18-Nov-04	18:14	58.301	135.791	140	4.48	109	1	0	0	0	0	0	0	0	0
HS200432-ISEA29	CHATHAM ST	ISEA	19-Nov-04	07:18	56.963	134.494	179	5.11	158	0	0	0	0	0	3	0	0	0
HS200432-ISEA30	CHATHAM ST	ISEA	19-Nov-04	09:34	56.832	134.602	143	5.7	647	0	0	0	0	0	0	0	1	0
HS200432-ISEA31	CHATHAM ST	ISEA	19-Nov-04	11:14	56.759	134.475	218	5.83	603	0	0	0	0	0	0	0	0	0
HS200432-ISEA32	CHATHAM ST	ISEA	19-Nov-04	12:55	56.676	134.548	124	6.16	658	0	0	0	0	0	1	0	1	0
HS200432-ISEA33	CHATHAM ST	ISEA	19-Nov-04	14:27	56.614	134.425	235	5.83	493	0	1	0	0	0	0	0	1	0
HS200432-ISEA34	CHATHAM ST	ISEA	19-Nov-04	16:05	56.541	134.585	185	5.3	506	0	0	0	0	0	0	0	0	0
HS200432-ISEA35	CHATHAM ST	ISEA	19-Nov-04	18:05	56.374	134.550	138	4.68	603	0	0	0	0	0	0	0	0	0
HS200432-ISEA36	CHATHAM ST	ISEA	20-Nov-04	07:11	56.051	134.016	113	5.83	72	3	0	0	0	0	1	0	0	0
HS200432-ISEA37	SUMNER ST	ISEA	20-Nov-04	08:54	56.109	133.830	50	5.83	208	18	0	0	0	0	0	0	17	0
HS200432-ISEA38	SUMNER ST	ISEA	20-Nov-04	10:29	56.171	133.729	345	6.1	320	3	0	0	0	0	0	0	13	0
HS200432-ISEA39	SUMNER ST	ISEA	20-Nov-04	12:15	56.239	133.780	334	5.89	283	2	0	0	0	0	0	0	17	0
HS200432-ISEA40	SUMNER ST	ISEA	20-Nov-04	13:38	56.285	133.812	5	5.06	276	21	0	0	0	0	1	0	5	0
HS200432-ISEA41	SUMNER ST	ISEA	20-Nov-04	15:24	56.302	133.710	10	5.48	214	11	0	0	0	0	0	0	22	0
HS200432-ISEA43	STIKENE ST	ISEA	21-Nov-04	07:32	56.339	132.590	196	5.48	279	6	0	0	1	0	1	0	1	0
HS200432-ISEA44	STIKENE ST	ISEA	21-Nov-04	08:59	56.261	132.643	246	4.74	311	0	0	0	0	0	1	0	10	0

Table 1. Tow positions and catch summaries of Pacific salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date	Time	Latitude (°N)	Longitude (°W)	Heading (°T)	SOG (kts)	Bottom Depth (m)	CK all	CM Juv	CM ad.	CO Juv	CO Ad.	PK Juv	PK Ad.	SE Juv	SE Ad.
HS200432-ISEA45	CLARENCE ST	ISEA	21-Nov-04	10:29	56.210	132.791	179	5.41	100	0	0	0	0	0	0	0	3	0
HS200432-ISEA46	CLARENCE ST	ISEA	21-Nov-04	12:15	56.143	132.747	171	6.08	201	0	0	0	0	0	0	0	1	0
HS200432-ISEA47	CLARENCE ST	ISEA	21-Nov-04	13:49	56.062	132.789	156	5.78	328	0	0	0	0	0	1	0	1	0
HS200432-ISEA48	CLARENCE ST	ISEA	21-Nov-04	15:22	55.983	132.625	130	5.74	429	0	0	0	0	0	0	0	5	0
HS200432-ISEA49	CLARENCE ST	ISEA	21-Nov-04	16:38	55.934	132.554	156	5.89	391	1	0	0	0	0	2	0	0	0
HS200432-ISEA50	CLARENCE ST	ISEA	21-Nov-04	18:21	55.811	132.446	138	6.28	474	1	0	0	0	0	0	0	1	0
									Totals	608	471	142	299	3	354	0	195	0
															Overall total			2072

Table 2. Catch summaries for each size class of Chinook salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	CK<100 mm	CK 100-199 mm	CK 200-299 mm	CK 300-349 mm	CK 350-399 mm	CK 400-499mm	CK >=500 mm	CK all
HS200432-IVI01	IVI	20-Oct-04	07:44	48.965	125.119	90	0	4	1	0	0	0	0	5
HS200432-IVI02	IVI	20-Oct-04	10:05	48.916	125.203	95	0	6	0	0	0	0	0	6
HS200432-IVI03	IVI	20-Oct-04	11:53	48.842	125.261	88	0	0	1	0	0	0	0	1
HS200432-VI01	VI	20-Oct-04	14:04	48.760	125.428	101	0	0	0	0	0	0	0	0
HS200432-VI02	VI	20-Oct-04	15:46	48.669	125.581	196	0	0	0	0	0	1	0	1
HS200432-VI03	VI	20-Oct-04	17:53	48.569	125.740	72	0	0	0	0	0	0	1	1
HS200432-VI04	VI	21-Oct-04	07:19	49.092	126.015	41	0	0	1	0	0	0	0	1
HS200432-VI05	VI	21-Oct-04	09:02	49.046	126.119	57	0	0	0	0	0	0	0	0
HS200432-VI06	VI	21-Oct-04	10:32	48.978	126.224	101	0	0	0	0	0	0	0	0
HS200432-VI07	VI	21-Oct-04	12:14	48.912	126.311	134	0	0	0	0	0	0	0	0
HS200432-VI08	VI	21-Oct-04	13:43	48.853	126.415	173	0	0	0	0	0	0	0	0
HS200432-VI09	VI	21-Oct-04	15:08	48.801	126.510	258	0	0	0	0	0	0	0	0
HS200432-IVI04	IVI	22-Oct-04	11:39	49.864	126.744	249	0	53	3	0	0	0	0	56
HS200432-IVI05	IVI	22-Oct-04	13:08	49.936	126.806	208	0	78	0	0	0	0	0	78
HS200432-IVI06	IVI	22-Oct-04	14:29	49.874	126.828	226	0	1	0	0	0	0	0	1
HS200432-IVI07	IVI	22-Oct-04	16:15	49.922	126.932	266	0	5	1	0	0	0	0	6
HS200432-IVI08	IVI	22-Oct-04	17:54	49.838	126.987	100	0	25	8	0	0	0	0	33
HS200432-VI11	VI	23-Oct-04	07:29	49.766	127.080	51	0	0	0	0	0	0	0	0

Table 2. Catch summaries for each size class of Chinook salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	CK<100 mm	CK 100-199 mm	CK 200-299 mm	CK 300-349 mm	CK 350-399 mm	CK 400-499mm	CK >=500 mm	CK all
HS200432-VI12	VI	23-Oct-04	08:54	49.716	127.189	101	0	0	0	0	0	0	0	0
HS200432-VI13	VI	23-Oct-04	10:38	49.657	127.313	133	0	0	0	0	0	0	0	0
HS200432-VI14	VI	23-Oct-04	13:03	49.643	127.465	680	0	1	0	0	0	0	0	1
HS200432-VI15	VI	23-Oct-04	14:58	49.784	127.435	76	0	0	0	0	0	0	0	0
HS200432-VI16	VI	23-Oct-04	16:12	49.843	127.475	73	0	0	0	0	0	0	0	0
HS200432-VI17	VI	23-Oct-04	17:06	49.877	127.410	66	0	0	2	0	0	0	0	2
HS200432-IVI09	IVI	24-Oct-04	07:32	50.097	127.137	137	0	10	1	0	0	0	0	11
HS200432-IVI10	IVI	24-Oct-04	09:10	50.095	127.252	158	0	2	0	0	0	0	0	2
HS200432-IVI11	IVI	24-Oct-04	10:49	50.000	127.202	164	0	0	1	0	0	0	0	1
HS200432-VI18	VI	24-Oct-04	12:41	49.938	127.329	60	0	6	12	0	0	0	0	18
HS200432-VI19	VI	24-Oct-04	13:59	49.959	127.469	45	0	1	0	0	0	0	0	1
HS200432-IVI12	IVI	25-Oct-04	07:31	50.407	127.494	135	0	0	1	2	2	7	0	12
HS200432-IVI13	IVI	25-Oct-04	09:01	50.444	127.522	156	0	24	4	0	0	0	0	28
HS200432-IVI14	IVI	25-Oct-04	10:38	50.519	127.668	149	0	19	5	0	0	0	0	24
HS200432-IVI15	IVI	25-Oct-04	12:32	50.498	127.795	130	0	2	0	0	0	0	0	2
HS200432-IVI16	IVI	25-Oct-04	14:55	50.468	127.890	107	0	0	0	1	0	0	0	1
HS200432-VI20	VI	25-Oct-04	16:35	50.408	128.070	67	0	0	0	0	0	0	0	0
HS200432-VI21	VI	25-Oct-04	17:29	50.436	128.168	84	0	0	0	0	0	0	0	0

Table 2. Catch summaries for each size class of Chinook salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	CK<100 mm	CK 100-199 mm	CK 200-299 mm	CK 300-349 mm	CK 350-399 mm	CK 400-499mm	CK >=500 mm	CK all
HS200432-T01	QCSD	26-Oct-04	07:18	51.272	128.346	75	0	0	0	0	0	0	0	0
HS200432-T02	QCSD	26-Oct-04	08:55	51.202	128.492	191	0	0	0	0	0	0	0	0
HS200432-T03	QCSD	26-Oct-04	10:28	51.134	128.618	127	0	0	0	0	0	0	0	0
HS200432-T04	QCSD	26-Oct-04	12:16	51.060	128.748	61	0	0	0	0	0	0	0	0
HS200432-T05	QCSD	26-Oct-04	13:45	50.985	128.911	67	0	0	0	0	0	0	0	0
HS200432-T06	QCSD	26-Oct-04	15:04	50.930	129.024	67	0	0	0	0	0	0	0	0
HS200432-T07	VI	26-Oct-04	18:05	50.823	129.257	121	0	0	0	0	0	0	0	0
HS200432-T09	VI	27-Oct-04	12:47	50.635	129.625	2051	0	0	0	0	0	0	0	0
HS200432-T08	VI	27-Oct-04	14:27	50.710	129.457	1262	0	0	0	0	0	0	0	0
HS200432-QCSD01	QCSD	27-Oct-04	16:00	50.880	129.435	178	0	0	0	0	0	0	0	0
HS200432-H07	HS	28-Oct-04	07:23	52.523	130.714	101	0	0	0	0	0	0	0	0
HS200432-H06	HS	28-Oct-04	09:15	52.478	130.447	192	0	0	0	0	0	0	0	0
HS200432-H05	HS	28-Oct-04	11:05	52.420	130.176	312	0	0	0	0	0	0	0	0
HS200432-H04	HS	28-Oct-04	12:49	52.366	129.928	190	0	0	0	0	0	0	0	0
HS200432-H03	HS	28-Oct-04	14:33	52.307	129.653	206	0	0	0	0	0	0	0	0
HS200432-H02	HS	28-Oct-04	16:12	52.251	129.406	156	0	0	0	0	0	0	0	0
HS200432-H01	HS	28-Oct-04	18:03	52.196	129.147	159	0	0	0	0	0	0	0	0
HS200432-GS01	GS	10-Nov-04	07:14	49.734	124.679	340	0	2	1	0	0	0	0	3

Table 2. Catch summaries for each size class of Chinook salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	CK<100 mm	CK 100-199 mm	CK 200-299 mm	CK 300-349 mm	CK 350-399 mm	CK 400-499mm	CK >=500 mm	CK all
HS200432-GS02	GS	10-Nov-04	08:17	49.716	124.820	82	0	1	0	0	0	0	0	1
HS200432-GS03	GS	10-Nov-04	09:15	49.765	124.894	58	0	0	0	0	0	0	0	0
HS200432-GS04	GS	10-Nov-04	10:17	49.828	125.012	72	0	0	2	0	0	0	0	2
HS200432-GS05	GS	10-Nov-04	11:08	49.881	125.086	78	0	0	0	0	0	0	0	0
HS200432-GS06	GS	10-Nov-04	12:12	49.909	125.013	319	0	0	0	0	0	0	0	0
HS200432-GS07	GS	10-Nov-04	13:03	49.965	125.062	265	0	0	0	0	0	0	0	0
HS200432-HS01	HS	11-Nov-04	09:25	52.013	129.212	170	0	0	0	0	0	0	0	0
HS200432-FI01	SEA	12-Nov-04	07:35	54.800	133.082	183	0	0	0	0	0	0	0	0
HS200432-FI02	SEA	12-Nov-04	09:10	54.787	133.201	198	0	0	0	0	0	0	0	0
HS200432-FI03	SEA	12-Nov-04	10:40	54.755	133.320	133	0	0	0	0	0	0	0	0
HS200432-DE06	DE	13-Nov-04	07:34	54.222	132.911	120	0	0	2	1	0	0	0	3
HS200432-DE05	DE	13-Nov-04	09:02	54.178	132.721	59	0	0	0	0	0	0	0	0
HS200432-DE04	DE	13-Nov-04	10:38	54.135	132.432	62	0	0	0	0	0	0	0	0
HS200432-DE03	DE	13-Nov-04	12:23	54.147	132.169	48	0	0	0	0	0	0	0	0
HS200432-DE02	DE	13-Nov-04	13:55	54.141	131.945	49	0	0	0	0	0	0	0	0
HS200432-DE01	DE	13-Nov-04	15:19	54.233	131.703	116	0	0	16	7	1	1	1	26
HS200432-IBC01	IBC	14-Nov-04	07:55	54.996	130.040	197	0	0	6	17	0	0	0	23
HS200432-IBC02	IBC	14-Nov-04	09:38	54.862	130.202	356	0	0	0	0	0	0	0	0

Table 2. Catch summaries for each size class of Chinook salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	CK<100 mm	CK 100-199 mm	CK 200-299 mm	CK 300-349 mm	CK 350-399 mm	CK 400-499mm	CK >=500 mm	CK all
HS200432-IBC03	IBC	14-Nov-04	11:09	54.796	130.300	456	0	0	0	0	0	0	0	0
HS200432-IBC04	IBC	14-Nov-04	12:49	54.735	130.418	500	0	0	0	0	0	0	0	0
HS200432-IBC05	IBC	14-Nov-04	14:39	54.681	130.609	216	0	0	0	0	0	0	0	0
HS200432-IBC06	IBC	14-Nov-04	16:12	54.682	130.792	323	0	0	0	1	0	0	0	1
HS200432-IBC07	IBC	14-Nov-04	17:02	54.687	130.941	450	0	0	2	2	0	0	0	4
HS200432-ISEA01	ISEA	15-Nov-04	07:29	56.456	132.484	182	0	0	3	0	0	0	0	3
HS200432-ISEA02	ISEA	15-Nov-04	09:17	56.513	132.675	82	0	0	29	0	0	0	0	29
HS200432-ISEA03	ISEA	15-Nov-04	10:39	56.476	132.781	121	0	3	32	0	0	0	0	35
HS200432-ISEA04	ISEA	15-Nov-04	12:30	56.491	132.902	121	0	2	38	2	1	0	0	43
HS200432-ISEA05	ISEA	15-Nov-04	14:54	56.371	133.287	232	0	0	9	0	0	0	0	9
HS200432-ISEA06	ISEA	15-Nov-04	16:15	56.374	133.432	253	0	0	38	1	0	0	0	39
HS200432-ISEA07	ISEA	15-Nov-04	17:08	56.388	133.585	413	0	0	12	7	1	1	0	21
HS200432-ISEA08	ISEA	16-Nov-04	07:25	56.986	134.271	324	0	0	0	0	0	0	0	0
HS200432-ISEA09	ISEA	16-Nov-04	09:09	57.090	134.085	351	0	0	0	0	0	0	0	0
HS200432-ISEA10	ISEA	16-Nov-04	10:51	57.160	133.840	250	0	0	0	0	0	0	0	0
HS200432-ISEA11	ISEA	16-Nov-04	12:41	57.144	133.547	148	0	0	0	0	0	0	0	0
HS200432-ISEA12	ISEA	16-Nov-04	14:25	57.084	133.314	147	0	0	0	0	0	0	0	0
HS200432-ISEA13	ISEA	16-Nov-04	16:05	57.035	133.081	148	0	0	0	0	0	0	0	0

Table 2. Catch summaries for each size class of Chinook salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	CK<100 mm	CK 100-199 mm	CK 200-299 mm	CK 300-349 mm	CK 350-399 mm	CK 400-499mm	CK >=500 mm	CK all
HS200432-ISEA14	ISEA	16-Nov-04	18:19	56.850	132.876	190	0	0	1	0	0	0	0	1
HS200432-ISEA15	ISEA	17-Nov-04	07:23	57.083	134.696	633	0	0	0	0	0	0	0	0
HS200432-ISEA16	ISEA	17-Nov-04	09:46	57.311	134.744	738	0	0	0	0	0	0	0	0
HS200432-ISEA17	ISEA	17-Nov-04	12:10	57.483	134.764	306	0	0	0	0	0	0	0	0
HS200432-ISEA18	ISEA	17-Nov-04	13:48	57.628	134.799	561	0	0	0	0	0	0	0	0
HS200432-ISEA19	ISEA	17-Nov-04	15:24	57.767	134.847	519	0	0	0	0	0	0	0	0
HS200432-ISEA20	ISEA	17-Nov-04	17:05	57.922	134.868	446	0	0	0	0	0	0	0	0
HS200432-ISEA21	ISEA	18-Nov-04	07:18	58.222	135.525	102	0	0	1	2	0	0	0	3
HS200432-ISEA22	ISEA	18-Nov-04	08:52	58.288	135.735	134	0	0	0	0	0	0	0	0
HS200432-ISEA23	ISEA	18-Nov-04	10:13	58.365	135.795	44	0	0	0	0	0	0	0	0
HS200432-ISEA24	ISEA	18-Nov-04	12:02	58.268	135.906	69	0	0	1	1	0	0	0	2
HS200432-ISEA25	ISEA	18-Nov-04	13:10	58.235	136.037	75	0	0	1	0	0	0	0	1
HS200432-ISEA26	ISEA	18-Nov-04	15:03	58.307	136.312	246	0	0	0	0	0	0	0	0
HS200432-ISEA27	ISEA	18-Nov-04	16:24	58.329	136.139	148	0	0	0	0	0	0	0	0
HS200432-ISEA28	ISEA	18-Nov-04	18:14	58.301	135.791	109	0	0	1	0	0	0	0	1
HS200432-ISEA29	ISEA	19-Nov-04	07:18	56.963	134.494	158	0	0	0	0	0	0	0	0
HS200432-ISEA30	ISEA	19-Nov-04	09:34	56.832	134.602	647	0	0	0	0	0	0	0	0
HS200432-ISEA31	ISEA	19-Nov-04	11:14	56.759	134.475	603	0	0	0	0	0	0	0	0

Table 2. Catch summaries for each size class of Chinook salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	CK<100 mm	CK 100-199 mm	CK 200-299 mm	CK 300-349 mm	CK 350-399 mm	CK 400-499mm	CK >=500 mm	CK all
HS200432-ISEA32	ISEA	19-Nov-04	12:55	56.676	134.548	658	0	0	0	0	0	0	0	0
HS200432-ISEA33	ISEA	19-Nov-04	14:27	56.614	134.425	493	0	0	0	0	0	0	0	0
HS200432-ISEA34	ISEA	19-Nov-04	16:05	56.541	134.565	506	0	0	0	0	0	0	0	0
HS200432-ISEA35	ISEA	19-Nov-04	18:05	56.374	134.550	603	0	0	0	0	0	0	0	0
HS200432-ISEA36	ISEA	20-Nov-04	07:11	56.051	134.016	72	0	0	3	0	0	0	0	3
HS200432-ISEA37	ISEA	20-Nov-04	08:54	56.109	133.830	208	0	0	16	2	0	0	0	18
HS200432-ISEA38	ISEA	20-Nov-04	10:29	56.171	133.729	320	0	0	3	0	0	0	0	3
HS200432-ISEA39	ISEA	20-Nov-04	12:15	56.239	133.780	283	0	0	1	0	1	0	0	2
HS200432-ISEA40	ISEA	20-Nov-04	13:38	56.285	133.812	276	0	0	20	1	0	0	0	21
HS200432-ISEA41	ISEA	20-Nov-04	15:24	56.302	133.710	214	0	0	10	0	0	0	1	11
HS200432-ISEA43	ISEA	21-Nov-04	07:32	56.339	132.590	279	0	0	3	3	0	0	0	6
HS200432-ISEA44	ISEA	21-Nov-04	08:59	56.261	132.643	311	0	0	0	0	0	0	0	0
HS200432-ISEA45	ISEA	21-Nov-04	10:29	56.210	132.791	100	0	0	0	0	0	0	0	0
HS200432-ISEA46	ISEA	21-Nov-04	12:15	56.143	132.747	201	0	0	0	0	0	0	0	0
HS200432-ISEA47	ISEA	21-Nov-04	13:49	56.062	132.789	328	0	0	0	0	0	0	0	0
HS200432-ISEA48	ISEA	21-Nov-04	15:22	55.983	132.625	429	0	0	0	0	0	0	0	0
HS200432-ISEA49	ISEA	21-Nov-04	16:38	55.934	132.554	391	0	0	0	1	0	0	0	1
HS200432-ISEA50	ISEA	21-Nov-04	18:21	55.811	132.446	474	0	0	0	1	0	0	0	1

Table 2. Catch summaries for each size class of Chinook salmon for the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	CK<100 mm	CK 100-199 mm	CK 200-299 mm	CK 300-349 mm	CK 350-399 mm	CK 400-499mm	CK >=500 mm	CK all
						TOTALS	0	245	292	52	6	10	3	608

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-DE01-124-001	CHINOOK	304	367	M	1.18	1.0	T184420	AD
HS200432-DE01-124-002	CHINOOK	338	482	F	1.92			
HS200432-DE01-124-003	CHINOOK	318	393	M	0.92			
HS200432-DE01-124-004	CHINOOK	317	425	F	8.07			
HS200432-DE01-124-005	CHINOOK	375	647	F	6.9			
HS200432-DE01-124-006	CHINOOK	273	240	M	2.01			
HS200432-DE01-124-007	CHINOOK	304	373	M	9.36			
HS200432-DE01-124-008	CHINOOK	296	330	M	0.92			
HS200432-DE01-124-009	CHINOOK	277	256	M	0.78			
HS200432-DE01-124-010	CHINOOK	308	408	M	19.66			
HS200432-DE01-124-011	CHINOOK	285	310	M	0.61			
HS200432-DE01-124-012	CHINOOK	282	292	F	0.41			
HS200432-DE01-124-013	CHINOOK	303	335	M	1.22			
HS200432-DE01-124-014	CHINOOK	275	268	M	0.62			
HS200432-DE01-124-015	CHINOOK	289	293	F	1.81			
HS200432-DE01-124-016	CHINOOK	267	233	F	0.5			
HS200432-DE01-124-017	CHINOOK	283	286	F	1.71			
HS200432-DE01-124-018	CHINOOK	281	255	M	0.53			
HS200432-DE01-124-019	CHINOOK	250	204	M	0.87			
HS200432-DE01-124-020	CHINOOK	295	315	M	6.5			
HS200432-DE01-124-021	CHINOOK	296	328	M	5.6			
HS200432-DE01-124-022	CHINOOK	266	220	M	3.9			
HS200432-DE01-124-023	CHINOOK	278	289	F	14.39			
HS200432-DE01-124-024	CHINOOK	265	228	M	2.24			
HS200432-DE01-124-025	CHINOOK	430	1021			1.0	T630682	
HS200432-DE01-124-026	CHINOOK	558	2234					
HS200432-DE06-124-001	CHINOOK	295	318	F	0.79			
HS200432-DE06-124-002	CHINOOK	282	269	F	0.65			
HS200432-DE06-124-003	CHINOOK	322	410	F	0.55			
HS200432-GS01-124-001	CHINOOK	223	129	M	0.69			
HS200432-GS01-124-002	CHINOOK	195	83	M	0.36			
HS200432-GS01-124-003	CHINOOK	185	66	M	0.42			
HS200432-GS02-124-001	CHINOOK	197	91	M	2.88			
HS200432-GS04-124-001	CHINOOK	200	87	F	0.69			
HS200432-GS04-124-002	CHINOOK	231	142	F	1.54			
HS200432-IBC01-124-001	CHINOOK	315	409	M	1.66			
HS200432-IBC01-124-002	CHINOOK	348	528	M	1.01			
HS200432-IBC01-124-003	CHINOOK	314	397	F	0.95			
HS200432-IBC01-124-004	CHINOOK	322	435	F	2.43			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IBC01-124-005	CHINOOK	275	279	F	0.98			
HS200432-IBC01-124-006	CHINOOK	307	387	F	0.81			
HS200432-IBC01-124-007	CHINOOK	288	299	F	0.72			
HS200432-IBC01-124-008	CHINOOK	304	373	F	3.75			
HS200432-IBC01-124-009	CHINOOK	309	357	M	0.76			
HS200432-IBC01-124-010	CHINOOK	283	284	F	2.6			
HS200432-IBC01-124-011	CHINOOK	304	400	M	0.83			
HS200432-IBC01-124-012	CHINOOK	304	346	F	0.49			
HS200432-IBC01-124-013	CHINOOK	332	478	M	0.56			
HS200432-IBC01-124-014	CHINOOK	317	422	F	0.77			
HS200432-IBC01-124-015	CHINOOK	300	329	F	0.97			
HS200432-IBC01-124-016	CHINOOK	334	501	M	1.03			
HS200432-IBC01-124-017	CHINOOK	330	471	F	1.33			
HS200432-IBC01-124-018	CHINOOK	274	269	F	8.11			
HS200432-IBC01-124-019	CHINOOK	310	392	F	0.52			
HS200432-IBC01-124-020	CHINOOK	306	386	F	0.41			
HS200432-IBC01-124-021	CHINOOK	254	211	F	1.83			
HS200432-IBC01-124-022	CHINOOK	277	273	F	5.24			
HS200432-IBC01-124-023	CHINOOK	304	370	M	0.59			
HS200432-IBC06-124-001	CHINOOK	322	428	F	1.68	1.0	T185407	AD
HS200432-IBC07-124-001	CHINOOK	277	285	F	5.35			
HS200432-IBC07-124-002	CHINOOK	277	261	M	7.99			
HS200432-IBC07-124-003	CHINOOK	327	459	M	17.3			
HS200432-IBC07-124-004	CHINOOK	304	340	M	10.35			
HS200432-ISEA01-124-001	CHINOOK	248	191	M	0.87			
HS200432-ISEA01-124-002	CHINOOK	274	265	F	7.1			
HS200432-ISEA01-124-003	CHINOOK	258	214	M	1.46			
HS200432-ISEA02-124-001	CHINOOK	266	236	F	3.75			
HS200432-ISEA02-124-002	CHINOOK	254	192	M	1.34			
HS200432-ISEA02-124-003	CHINOOK	251	195	F	1.07			
HS200432-ISEA02-124-004	CHINOOK	200	107	M	0.88			
HS200432-ISEA02-124-005	CHINOOK	247	187	F	2.69			
HS200432-ISEA02-124-006	CHINOOK	236	157	M	0.52			
HS200432-ISEA02-124-007	CHINOOK	215	120	F	0.64			
HS200432-ISEA02-124-008	CHINOOK	259	203	F	0.95			
HS200432-ISEA02-124-009	CHINOOK	241	180	M	0.78			
HS200432-ISEA02-124-010	CHINOOK	224	138	M	6.07			
HS200432-ISEA02-124-011	CHINOOK	226	145	F	0.93			
HS200432-ISEA02-124-012	CHINOOK	278	284	M	1.1			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA02-124-013	CHINOOK	246	184	F	0.87			
HS200432-ISEA02-124-014	CHINOOK	266	238	M	1.68			
HS200432-ISEA02-124-015	CHINOOK	225	137	F	0.72			
HS200432-ISEA02-124-016	CHINOOK	245	179	M	1.03			
HS200432-ISEA02-124-017	CHINOOK	254	193	M	0.92			
HS200432-ISEA02-124-018	CHINOOK	223	142	F	1.26			
HS200432-ISEA02-124-019	CHINOOK	217	133	M	3.76			
HS200432-ISEA02-124-020	CHINOOK	229	148	M	1.78			
HS200432-ISEA02-124-021	CHINOOK	226	139	M	0.55			
HS200432-ISEA02-124-022	CHINOOK	224	133	F	0.67			
HS200432-ISEA02-124-023	CHINOOK	250	180	F	0.72			
HS200432-ISEA02-124-024	CHINOOK	247	191	F	1.01			
HS200432-ISEA02-124-025	CHINOOK	244	169	F	0.57			
HS200432-ISEA02-124-026	CHINOOK	203	99	M	1.5			
HS200432-ISEA02-124-027	CHINOOK	233	146	M	0.94			
HS200432-ISEA02-124-028	CHINOOK	257	207	F	1.07			
HS200432-ISEA02-124-029	CHINOOK	210	107	F	0.68			
HS200432-ISEA03-124-001	CHINOOK	242	186	M	2.34			
HS200432-ISEA03-124-002	CHINOOK	238	171	F	2.97			
HS200432-ISEA03-124-003	CHINOOK	242	179	F	1.65			
HS200432-ISEA03-124-004	CHINOOK	225	141	M	1.66			
HS200432-ISEA03-124-005	CHINOOK	252	191	M	1.01			
HS200432-ISEA03-124-006	CHINOOK	267	240	F	11.21			
HS200432-ISEA03-124-007	CHINOOK	239	171	F	0.84			
HS200432-ISEA03-124-008	CHINOOK	251	216	F	8.02			
HS200432-ISEA03-124-009	CHINOOK	258	221	F	1.3			
HS200432-ISEA03-124-010	CHINOOK	236	176	F	1.61			
HS200432-ISEA03-124-011	CHINOOK	209	104	F	1.09			
HS200432-ISEA03-124-012	CHINOOK	236	161	F	1.63			
HS200432-ISEA03-124-013	CHINOOK	238	179	M	3.29			
HS200432-ISEA03-124-014	CHINOOK	269	248	F	7.48			
HS200432-ISEA03-124-015	CHINOOK	223	149	F	2.19			
HS200432-ISEA03-124-016	CHINOOK	260	212	M	1.19			
HS200432-ISEA03-124-017	CHINOOK	232	162	F	4.13			
HS200432-ISEA03-124-018	CHINOOK	224	134	F	1.18			
HS200432-ISEA03-124-019	CHINOOK	247	191	M	1.85			
HS200432-ISEA03-124-020	CHINOOK	234	166	F	0.75			
HS200432-ISEA03-124-021	CHINOOK	226	142	F	4.48			
HS200432-ISEA03-124-022	CHINOOK	225	146	F	3.66			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA03-124-023	CHINOOK	183	76	F	0.74			
HS200432-ISEA03-124-024	CHINOOK	226	156	F	0.8			
HS200432-ISEA03-124-025	CHINOOK	196	96	F	1.27			
HS200432-ISEA03-124-026	CHINOOK	257	241	F	3.19			
HS200432-ISEA03-124-027	CHINOOK	227	151	M	0.89			
HS200432-ISEA03-124-028	CHINOOK	200	101	F	0.62			
HS200432-ISEA03-124-029	CHINOOK	241	186	F	3.6			
HS200432-ISEA03-124-030	CHINOOK	230	168	F	3.53			
HS200432-ISEA03-124-031	CHINOOK	230						
HS200432-ISEA03-124-032	CHINOOK	229						
HS200432-ISEA03-124-033	CHINOOK	230						
HS200432-ISEA03-124-034	CHINOOK	208						
HS200432-ISEA03-124-035	CHINOOK	175						
HS200432-ISEA04-124-001	CHINOOK	340	532	M	9.28			
HS200432-ISEA04-124-002	CHINOOK	259	234	F	13.32			
HS200432-ISEA04-124-003	CHINOOK	258	223	F	3.28			
HS200432-ISEA04-124-004	CHINOOK	250	210	F	9.11			
HS200432-ISEA04-124-005	CHINOOK	283	289	M	17.84			
HS200432-ISEA04-124-006	CHINOOK	300	383	F	7.28			
HS200432-ISEA04-124-007	CHINOOK	245	181	M	7.14			
HS200432-ISEA04-124-008	CHINOOK	241	173	M	6.52			
HS200432-ISEA04-124-009	CHINOOK	255	232	M	12.88			
HS200432-ISEA04-124-010	CHINOOK	285	288	M	8.91			
HS200432-ISEA04-124-011	CHINOOK	232	155	M	4.55			
HS200432-ISEA04-124-012	CHINOOK	226	142	M	3.19			
HS200432-ISEA04-124-013	CHINOOK	211	109	F	1.58			
HS200432-ISEA04-124-014	CHINOOK	205	110	F	4.09			
HS200432-ISEA04-124-015	CHINOOK	257	236	F	6.78			
HS200432-ISEA04-124-016	CHINOOK	246	197	F	1.79			
HS200432-ISEA04-124-017	CHINOOK	224	155	M	4.29			
HS200432-ISEA04-124-018	CHINOOK	241	196	F	4.07			
HS200432-ISEA04-124-019	CHINOOK	242	205	M	8.19			
HS200432-ISEA04-124-020	CHINOOK	172	55	F	0.69			
HS200432-ISEA04-124-021	CHINOOK	290	359	F	11.73			
HS200432-ISEA04-124-022	CHINOOK	288	327	F	5.96			
HS200432-ISEA04-124-023	CHINOOK	225	143	F	3.13			
HS200432-ISEA04-124-024	CHINOOK	213	121	M	6.15			
HS200432-ISEA04-124-025	CHINOOK	201	108	F	2.56			
HS200432-ISEA04-124-026	CHINOOK	213	111	M	1.39			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA04-124-027	CHINOOK	157	49	U	0.33			
HS200432-ISEA04-124-028	CHINOOK	208	113	F	0.83			
HS200432-ISEA04-124-029	CHINOOK	191	90	M	0.66			
HS200432-ISEA04-124-030	CHINOOK	242	185	F	7.53			
HS200432-ISEA04-124-031	CHINOOK	380	701			1.0	T631542	AD
HS200432-ISEA04-124-032	CHINOOK	240						
HS200432-ISEA04-124-033	CHINOOK	263						
HS200432-ISEA04-124-034	CHINOOK	237						
HS200432-ISEA04-124-035	CHINOOK	226						
HS200432-ISEA04-124-036	CHINOOK	203						
HS200432-ISEA04-124-037	CHINOOK	238						
HS200432-ISEA04-124-038	CHINOOK	201						
HS200432-ISEA04-124-039	CHINOOK	231						
HS200432-ISEA04-124-040	CHINOOK	230						
HS200432-ISEA04-124-041	CHINOOK	202						
HS200432-ISEA04-124-042	CHINOOK	240						
HS200432-ISEA04-124-043	CHINOOK	210						
HS200432-ISEA05-124-001	CHINOOK	254	229	F	9.11			
HS200432-ISEA05-124-002	CHINOOK	267	242	F	6.24			
HS200432-ISEA05-124-003	CHINOOK	258	224	M	9.59			
HS200432-ISEA05-124-004	CHINOOK	235	171	M	2.99			
HS200432-ISEA05-124-005	CHINOOK	230	145	M	3.81			
HS200432-ISEA05-124-006	CHINOOK	253	212	M	7.76			
HS200432-ISEA05-124-007	CHINOOK	223	143	F	3.94			
HS200432-ISEA05-124-008	CHINOOK	244	177	M	5.82			
HS200432-ISEA05-124-009	CHINOOK	236	164	F	2.23			
HS200432-ISEA06-124-001	CHINOOK	286	346	F	7.91			
HS200432-ISEA06-124-002	CHINOOK	321	467	F	16.46			
HS200432-ISEA06-124-003	CHINOOK	283	311	F	4.85			
HS200432-ISEA06-124-004	CHINOOK	268	279	F	16.57			
HS200432-ISEA06-124-005	CHINOOK	297	358	F	3.25			
HS200432-ISEA06-124-006	CHINOOK	257	256	M	9.63			
HS200432-ISEA06-124-007	CHINOOK	240	176	F	2.95			
HS200432-ISEA06-124-008	CHINOOK	280	303	M	8.74			
HS200432-ISEA06-124-009	CHINOOK	252	224	M	7.89			
HS200432-ISEA06-124-010	CHINOOK	255	235	M	5.61			
HS200432-ISEA06-124-011	CHINOOK	263	249	F	13.08			
HS200432-ISEA06-124-012	CHINOOK	285	342	F	3.46			
HS200432-ISEA06-124-013	CHINOOK	269	275	F	7.7			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA06-124-014	CHINOOK	260	259	F	13.75			
HS200432-ISEA06-124-015	CHINOOK	283	317	M	10.58			
HS200432-ISEA06-124-016	CHINOOK	278	298	F	6.66			
HS200432-ISEA06-124-017	CHINOOK	215	127	F	0.56			
HS200432-ISEA06-124-018	CHINOOK	271	292	F	13.31			
HS200432-ISEA06-124-019	CHINOOK	228	150	F	1.6			
HS200432-ISEA06-124-020	CHINOOK	242	191	M	0.83			
HS200432-ISEA06-124-021	CHINOOK	271	280	F	6.76			
HS200432-ISEA06-124-022	CHINOOK	265	229	F	2.14			
HS200432-ISEA06-124-023	CHINOOK	212	131	M	5.66			
HS200432-ISEA06-124-024	CHINOOK	244	174	M	0.77			
HS200432-ISEA06-124-025	CHINOOK	265	227	F	2.2			
HS200432-ISEA06-124-026	CHINOOK	244	190	M	1.06			
HS200432-ISEA06-124-027	CHINOOK	288	312	F	11.13			
HS200432-ISEA06-124-028	CHINOOK	233	192	M	14.62			
HS200432-ISEA06-124-029	CHINOOK	240	193	M	3.11			
HS200432-ISEA06-124-030	CHINOOK	276	318	F	11.93			
HS200432-ISEA06-124-031	CHINOOK	233						
HS200432-ISEA06-124-032	CHINOOK	252						
HS200432-ISEA06-124-033	CHINOOK	263						
HS200432-ISEA06-124-034	CHINOOK	264						
HS200432-ISEA06-124-035	CHINOOK	257						
HS200432-ISEA06-124-036	CHINOOK	274						
HS200432-ISEA06-124-037	CHINOOK	246						
HS200432-ISEA06-124-038	CHINOOK	253						
HS200432-ISEA06-124-039	CHINOOK	260						
HS200432-ISEA07-124-001	CHINOOK	364	630	M	3.56			
HS200432-ISEA07-124-002	CHINOOK	316	433	F	10.04			
HS200432-ISEA07-124-003	CHINOOK	290	339	F	19.87			
HS200432-ISEA07-124-004	CHINOOK	305	418	F	16.17			
HS200432-ISEA07-124-005	CHINOOK	313	453	F	21.32			
HS200432-ISEA07-124-006	CHINOOK	291	318	F	4.41			
HS200432-ISEA07-124-007	CHINOOK	267	270	F	14.03			
HS200432-ISEA07-124-008	CHINOOK	274	266	M	0.52			
HS200432-ISEA07-124-009	CHINOOK	269	286	F	13.79			
HS200432-ISEA07-124-010	CHINOOK	302	355	F	8.38			
HS200432-ISEA07-124-011	CHINOOK	247	204	F	6.96			
HS200432-ISEA07-124-012	CHINOOK	290	354	F	5.99			
HS200432-ISEA07-124-013	CHINOOK	300	407	F	1.63			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA07-124-014	CHINOOK	270	274	F	4.58			
HS200432-ISEA07-124-015	CHINOOK	310	381	M	6.58			
HS200432-ISEA07-124-016	CHINOOK	299	388	F	26.6			
HS200432-ISEA07-124-017	CHINOOK	320	441	M	11.73			
HS200432-ISEA07-124-018	CHINOOK	280	273	M	15.03			
HS200432-ISEA07-124-019	CHINOOK	283	343	F	27.63	1.0	T030129	AD
HS200432-ISEA07-124-020	CHINOOK	242	194	M	12.54			
HS200432-ISEA07-124-021	CHINOOK	459	1352					
HS200432-ISEA14-124-001	CHINOOK	290	325	F	4.36	1.0	T040893	AD
HS200432-ISEA21-124-001	CHINOOK	337	517	F	1.51			
HS200432-ISEA21-124-002	CHINOOK	331	457	F	2.84			
HS200432-ISEA21-124-003	CHINOOK	278	271	F	1.64			
HS200432-ISEA24-124-001	CHINOOK	324	459	M	1.37	1.0	T030123	AD
HS200432-ISEA24-124-002	CHINOOK	289	335	M	14.86			
HS200432-ISEA25-124-001	CHINOOK	282	297	M	5.75			
HS200432-ISEA28-124-001	CHINOOK	297	357	F	12.47			
HS200432-ISEA36-124-001	CHINOOK	261	224	F	0.99			
HS200432-ISEA36-124-002	CHINOOK	255	202	M	1.14			
HS200432-ISEA36-124-003	CHINOOK	260	230	F	1.18	1.0	T040891	AD
HS200432-ISEA37-124-001	CHINOOK	321	429	M	1.35			
HS200432-ISEA37-124-002	CHINOOK	329	481	M	1.18			
HS200432-ISEA37-124-003	CHINOOK	241	182	F	1.82	1.0	T040956	AD
HS200432-ISEA37-124-004	CHINOOK	246	177	M	1.63			
HS200432-ISEA37-124-005	CHINOOK	281	283	F	0.79			
HS200432-ISEA37-124-006	CHINOOK	247	197	F	0.82			
HS200432-ISEA37-124-007	CHINOOK	261	213	F	0.97			
HS200432-ISEA37-124-008	CHINOOK	262	230	M	1.09			
HS200432-ISEA37-124-009	CHINOOK	271	258	M	0.71			
HS200432-ISEA37-124-010	CHINOOK	289	334	M	1.17			
HS200432-ISEA37-124-011	CHINOOK	267	223	F	0.8			
HS200432-ISEA37-124-012	CHINOOK	263	249	M	3.56			
HS200432-ISEA37-124-013	CHINOOK	296	333	F	2.89	1.0	T040920	AD
HS200432-ISEA37-124-014	CHINOOK	253	206	M	1.97			
HS200432-ISEA37-124-015	CHINOOK	257	216	F	1.18			
HS200432-ISEA37-124-016	CHINOOK	248	194	M	0.89			
HS200432-ISEA37-124-017	CHINOOK	235	165	M	0.85			
HS200432-ISEA37-124-018	CHINOOK	276	286	F	0.49			
HS200432-ISEA38-124-001	CHINOOK	297	343	M	0.71			
HS200432-ISEA38-124-002	CHINOOK	277	261	F	0.78			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA38-124-003	CHINOOK	251	194	F	1.19			
HS200432-ISEA39-124-001	CHINOOK	262	236	F	1.18	1.0	T040956	AD
HS200432-ISEA39-124-002	CHINOOK	372	662	F	4.63			
HS200432-ISEA40-124-001	CHINOOK	258	246	F	1.88			
HS200432-ISEA40-124-002	CHINOOK	268	256	M	3.06			
HS200432-ISEA40-124-003	CHINOOK	262	243	M	2.14			
HS200432-ISEA40-124-004	CHINOOK	245	182	F	0.51			
HS200432-ISEA40-124-005	CHINOOK	244	188	F	1.33			
HS200432-ISEA40-124-006	CHINOOK	271	274	F	0.91			
HS200432-ISEA40-124-007	CHINOOK	242	178	F	0.9			
HS200432-ISEA40-124-008	CHINOOK	274	268	M	4.37			
HS200432-ISEA40-124-009	CHINOOK	274	264	F	1.7			
HS200432-ISEA40-124-010	CHINOOK	252	208	M	3.29			
HS200432-ISEA40-124-011	CHINOOK	304	386	F	1.33			
HS200432-ISEA40-124-012	CHINOOK	272	262	F	0.92			
HS200432-ISEA40-124-013	CHINOOK	294	344	M	0.53			
HS200432-ISEA40-124-014	CHINOOK	251	214	M	2.72			
HS200432-ISEA40-124-015	CHINOOK	264	256	F	0.61			
HS200432-ISEA40-124-016	CHINOOK	248	203	M	0.89			
HS200432-ISEA40-124-017	CHINOOK	247	187	F	0.53			
HS200432-ISEA40-124-018	CHINOOK	245	181	M	4.43			
HS200432-ISEA40-124-019	CHINOOK	275	275	M	1.12			
HS200432-ISEA40-124-020	CHINOOK	249	202	M	4.68			
HS200432-ISEA40-124-021	CHINOOK	272	258	M	1.89			
HS200432-ISEA41-124-001	CHINOOK	266	248	M	3.1			
HS200432-ISEA41-124-002	CHINOOK	255	215	F	7.02			
HS200432-ISEA41-124-003	CHINOOK	252	209	F	1.39			
HS200432-ISEA41-124-004	CHINOOK	283	317	F	2.44			
HS200432-ISEA41-124-005	CHINOOK	242	187	M	2.34			
HS200432-ISEA41-124-006	CHINOOK	263	249	F	1.13			
HS200432-ISEA41-124-007	CHINOOK	245	190	M	0.78			
HS200432-ISEA41-124-008	CHINOOK	253	207	F	3.78			
HS200432-ISEA41-124-009	CHINOOK	235	178	M	4.48			
HS200432-ISEA41-124-010	CHINOOK	292	360	F	15.81			
HS200432-ISEA41-124-011	CHINOOK	780	6920	M				
HS200432-ISEA43-124-002	CHINOOK	297	342	M	2.24	1.0	T040894	AD
HS200432-ISEA43-124-003	CHINOOK	318	430	M	0.76			
HS200432-ISEA43-124-004	CHINOOK	298	333	F	2.17			
HS200432-ISEA43-124-005	CHINOOK	285	292	F	0.64			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA43-124-006	CHINOOK	313	401	F	1.01			
HS200432-ISEA43-124-007	CHINOOK	333	476	F	1.34			
HS200432-ISEA49-124-001	CHINOOK	314	382	F	4.46			
HS200432-ISEA50-124-001	CHINOOK	326	449	F	16.04			
HS200432-IVI01-124-001	CHINOOK	242	164	F	0.33			
HS200432-IVI01-124-002	CHINOOK	151	35	F	0.39			
HS200432-IVI01-124-003	CHINOOK	170	53	M	0.42			
HS200432-IVI01-124-004	CHINOOK	155	42	M	0.6			
HS200432-IVI01-124-005	CHINOOK	151	35	M	0.56	0.0	T185420	AD
HS200432-IVI02-124-001	CHINOOK	193	74	F	0.67			
HS200432-IVI02-124-002	CHINOOK	175	62	F	0.6			
HS200432-IVI02-124-003	CHINOOK	140	27	M	0.43			
HS200432-IVI02-124-004	CHINOOK	145	30	F	0.41			
HS200432-IVI02-124-005	CHINOOK	151	38	F	1.38			
HS200432-IVI02-124-006	CHINOOK	157	42	M	0.44			
HS200432-IVI03-124-001	CHINOOK	209	102					
HS200432-IVI04-124-001	CHINOOK	150	42	F	1.14			
HS200432-IVI04-124-002	CHINOOK	173	58	F	0.32			
HS200432-IVI04-124-003	CHINOOK	150	38	M	0.68			
HS200432-IVI04-124-004	CHINOOK	148	37	F	0.47			
HS200432-IVI04-124-005	CHINOOK	148	38	M	0.54			
HS200432-IVI04-124-006	CHINOOK	144	33	M	0.93			
HS200432-IVI04-124-007	CHINOOK	192	84	M	0.57			
HS200432-IVI04-124-008	CHINOOK	178	63	F	0.63			
HS200432-IVI04-124-009	CHINOOK	158	44	M	0.78			
HS200432-IVI04-124-010	CHINOOK	163	50	M	0.7			
HS200432-IVI04-124-011	CHINOOK	157	43	F	0.68			
HS200432-IVI04-124-012	CHINOOK	158	45	M	1.16			
HS200432-IVI04-124-013	CHINOOK	180	69	M	1.44			
HS200432-IVI04-124-014	CHINOOK	174	60	M	0.41			
HS200432-IVI04-124-015	CHINOOK	133	26	U	0.35			
HS200432-IVI04-124-016	CHINOOK	163	50	M	0.37			
HS200432-IVI04-124-017	CHINOOK	227	156	M	5.35			
HS200432-IVI04-124-018	CHINOOK	210	106	F	1.2			
HS200432-IVI04-124-019	CHINOOK	210	111	F	0.83			
HS200432-IVI04-124-020	CHINOOK	185	72	M	0.62			
HS200432-IVI04-124-021	CHINOOK	187	73	M	0.64			
HS200432-IVI04-124-022	CHINOOK	170	55	M	0.53			
HS200432-IVI04-124-023	CHINOOK	162	50	F	0.84			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI04-124-024	CHINOOK	153	41	F	0.68			
HS200432-IVI04-124-025	CHINOOK	114	16	U	0.55			
HS200432-IVI04-124-026	CHINOOK	152	39	F	1.58			
HS200432-IVI04-124-027	CHINOOK	136	30	F	0.53			
HS200432-IVI04-124-028	CHINOOK	167	51	M	0.93			
HS200432-IVI04-124-029	CHINOOK	139	32	F	1.15			
HS200432-IVI04-124-030	CHINOOK	142	30	U	0.41			
HS200432-IVI04-124-031	CHINOOK	162	51					
HS200432-IVI04-124-032	CHINOOK	142	32					
HS200432-IVI04-124-033	CHINOOK	142	30					
HS200432-IVI04-124-034	CHINOOK	139	31					
HS200432-IVI04-124-035	CHINOOK	137	28					
HS200432-IVI04-124-036	CHINOOK	157	38					
HS200432-IVI04-124-037	CHINOOK	175	64					
HS200432-IVI04-124-038	CHINOOK	128	24					
HS200432-IVI04-124-039	CHINOOK	172	62					
HS200432-IVI04-124-040	CHINOOK	140	32					
HS200432-IVI04-124-041	CHINOOK	158	42					
HS200432-IVI04-124-042	CHINOOK	140	30					
HS200432-IVI04-124-043	CHINOOK	148	36					
HS200432-IVI04-124-044	CHINOOK	145	36					
HS200432-IVI04-124-045	CHINOOK	118	18					
HS200432-IVI04-124-046	CHINOOK	158	41					
HS200432-IVI04-124-047	CHINOOK	145	34					
HS200432-IVI04-124-048	CHINOOK	136	30					
HS200432-IVI04-124-049	CHINOOK	130	24					
HS200432-IVI04-124-050	CHINOOK	136	29					
HS200432-IVI04-124-051	CHINOOK	167	54					
HS200432-IVI04-124-052	CHINOOK	149	36					
HS200432-IVI04-124-053	CHINOOK	140	29					
HS200432-IVI04-124-054	CHINOOK	126	22					
HS200432-IVI04-124-055	CHINOOK	138	30					
HS200432-IVI04-124-056	CHINOOK	158	41					
HS200432-IVI05-124-001	CHINOOK	177	65	F	1.22			
HS200432-IVI05-124-002	CHINOOK	163	43	M	0.83			
HS200432-IVI05-124-003	CHINOOK	143	32	M	0.89			
HS200432-IVI05-124-004	CHINOOK	144	32	M	1.34			
HS200432-IVI05-124-005	CHINOOK	170	58	M	1			
HS200432-IVI05-124-006	CHINOOK	135	27	M	0.68			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI05-124-007	CHINOOK	148	35	F	0.61			
HS200432-IVI05-124-008	CHINOOK	156	41	M	0.36			
HS200432-IVI05-124-009	CHINOOK	187	73	F	0.8			
HS200432-IVI05-124-010	CHINOOK	154	46	F	0.95			
HS200432-IVI05-124-011	CHINOOK	147	35	F	0.43			
HS200432-IVI05-124-012	CHINOOK	151	39	M	0.93			
HS200432-IVI05-124-013	CHINOOK	134	28	F	0.82			
HS200432-IVI05-124-014	CHINOOK	154	38	M	0.18			
HS200432-IVI05-124-015	CHINOOK	151	38	M	0.53			
HS200432-IVI05-124-016	CHINOOK	154	40	F	0.75			
HS200432-IVI05-124-017	CHINOOK	158	43	F	0.27			
HS200432-IVI05-124-018	CHINOOK	145	34	F	1.13			
HS200432-IVI05-124-019	CHINOOK	132	26	F	0.36			
HS200432-IVI05-124-020	CHINOOK	158	45	M	0.81			
HS200432-IVI05-124-021	CHINOOK	161	49	M	0.36			
HS200432-IVI05-124-022	CHINOOK	152	39	M	0.65			
HS200432-IVI05-124-023	CHINOOK	151	40	M	1.26			
HS200432-IVI05-124-024	CHINOOK	157	43	M	0.75			
HS200432-IVI05-124-025	CHINOOK	175	61	F	1			
HS200432-IVI05-124-026	CHINOOK	135	28	M	1.25			
HS200432-IVI05-124-027	CHINOOK	181	63	M	0.8			
HS200432-IVI05-124-028	CHINOOK	162	48	M	0.91			
HS200432-IVI05-124-029	CHINOOK	150	37	F	0.96			
HS200432-IVI05-124-030	CHINOOK	160	51	F	0.61			
HS200432-IVI05-124-031	CHINOOK	132						
HS200432-IVI05-124-032	CHINOOK	140						
HS200432-IVI05-124-033	CHINOOK	178						
HS200432-IVI05-124-034	CHINOOK	152						
HS200432-IVI05-124-035	CHINOOK	148						
HS200432-IVI05-124-036	CHINOOK	134						
HS200432-IVI05-124-037	CHINOOK	158						
HS200432-IVI05-124-038	CHINOOK	152						
HS200432-IVI05-124-039	CHINOOK	152						
HS200432-IVI05-124-040	CHINOOK	160						
HS200432-IVI05-124-041	CHINOOK	138						
HS200432-IVI05-124-042	CHINOOK	182						
HS200432-IVI05-124-043	CHINOOK	142						
HS200432-IVI05-124-044	CHINOOK	139						
HS200432-IVI05-124-045	CHINOOK	143						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI05-124-046	CHINOOK	172						
HS200432-IVI05-124-047	CHINOOK	153						
HS200432-IVI05-124-048	CHINOOK	143						
HS200432-IVI05-124-049	CHINOOK	131						
HS200432-IVI05-124-050	CHINOOK	164						
HS200432-IVI05-124-051	CHINOOK	163						
HS200432-IVI05-124-052	CHINOOK	134						
HS200432-IVI05-124-053	CHINOOK	193						
HS200432-IVI05-124-054	CHINOOK	179						
HS200432-IVI05-124-055	CHINOOK	169						
HS200432-IVI05-124-056	CHINOOK	160						
HS200432-IVI05-124-057	CHINOOK	168						
HS200432-IVI05-124-058	CHINOOK	165						
HS200432-IVI05-124-059	CHINOOK	144						
HS200432-IVI05-124-060	CHINOOK	161						
HS200432-IVI05-124-061	CHINOOK	152						
HS200432-IVI05-124-062	CHINOOK	142						
HS200432-IVI05-124-063	CHINOOK	137						
HS200432-IVI05-124-064	CHINOOK	143						
HS200432-IVI05-124-065	CHINOOK	131						
HS200432-IVI05-124-066	CHINOOK	173						
HS200432-IVI05-124-067	CHINOOK	153						
HS200432-IVI05-124-068	CHINOOK	158						
HS200432-IVI05-124-069	CHINOOK	152						
HS200432-IVI05-124-070	CHINOOK	133						
HS200432-IVI05-124-071	CHINOOK	145						
HS200432-IVI05-124-072	CHINOOK	154						
HS200432-IVI05-124-073	CHINOOK	138						
HS200432-IVI05-124-074	CHINOOK	128						
HS200432-IVI05-124-075	CHINOOK	132						
HS200432-IVI05-124-076	CHINOOK	136						
HS200432-IVI05-124-077	CHINOOK	133						
HS200432-IVI05-124-078	CHINOOK	123						
HS200432-IVI06-124-001	CHINOOK	145	33	M	0.26			
HS200432-IVI07-124-001	CHINOOK	170	57	M	1.92			
HS200432-IVI07-124-002	CHINOOK	201	103	F	12.27			
HS200432-IVI07-124-003	CHINOOK	184	75	F	0.83			
HS200432-IVI07-124-004	CHINOOK	149	38	M	0.88			
HS200432-IVI07-124-005	CHINOOK	147	32	F	0.28			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI07-124-006	CHINOOK	145	35	F	1.08			
HS200432-IVI08-124-001	CHINOOK	170	63	M	1.65			
HS200432-IVI08-124-002	CHINOOK	193	80	F	1.98			
HS200432-IVI08-124-003	CHINOOK	169	55	M	1.75			
HS200432-IVI08-124-004	CHINOOK	194	78	F	1.01			
HS200432-IVI08-124-005	CHINOOK	200	96	F	1.81			
HS200432-IVI08-124-006	CHINOOK	194	80	F	1.61			
HS200432-IVI08-124-007	CHINOOK	174	58	M	1.35			
HS200432-IVI08-124-008	CHINOOK	188	53	F	0.51			
HS200432-IVI08-124-009	CHINOOK	173	58	F	0.71			
HS200432-IVI08-124-010	CHINOOK	188	72	F	0.48			
HS200432-IVI08-124-011	CHINOOK	215	117	M	1.6			
HS200432-IVI08-124-012	CHINOOK	155	42	F	1.64			
HS200432-IVI08-124-013	CHINOOK	177	58	F	0.39			
HS200432-IVI08-124-014	CHINOOK	166	51	F	0.67			
HS200432-IVI08-124-015	CHINOOK	186	72	M	3.19			
HS200432-IVI08-124-016	CHINOOK	174	64	F	1.36			
HS200432-IVI08-124-017	CHINOOK	163	45	F	2.26			
HS200432-IVI08-124-018	CHINOOK	216	122	M	2.82			
HS200432-IVI08-124-019	CHINOOK	236	161	M	2.73			
HS200432-IVI08-124-020	CHINOOK	221	131	M	2.93			
HS200432-IVI08-124-021	CHINOOK	230	136	F	0.5			
HS200432-IVI08-124-022	CHINOOK	205	96	M	0.64			
HS200432-IVI08-124-023	CHINOOK	202	93	F	0.43			
HS200432-IVI08-124-024	CHINOOK	172	57	F	0.4			
HS200432-IVI08-124-025	CHINOOK	156	47	F	0.65			
HS200432-IVI08-124-026	CHINOOK	170	53	F	0.74			
HS200432-IVI08-124-027	CHINOOK	168	46	M	1.37			
HS200432-IVI08-124-028	CHINOOK	169	59	M	2.95			
HS200432-IVI08-124-029	CHINOOK	153	39	M	0.53			
HS200432-IVI08-124-030	CHINOOK	148	35	M	0.96			
HS200432-IVI08-124-031	CHINOOK	138	32					
HS200432-IVI08-124-032	CHINOOK	180	59					
HS200432-IVI08-124-033	CHINOOK	186	73					
HS200432-IVI09-124-001	CHINOOK	180	64	M	0.42			
HS200432-IVI09-124-002	CHINOOK	172	58	F	0.47			
HS200432-IVI09-124-003	CHINOOK	160	44	F	0.28			
HS200432-IVI09-124-004	CHINOOK	173	54	M	0.3			
HS200432-IVI09-124-005	CHINOOK	185	75	M	0.38			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI09-124-006	CHINOOK	181	63	F	0.25			
HS200432-IVI09-124-007	CHINOOK	178	62	F	0.42			
HS200432-IVI09-124-008	CHINOOK	171	60	F	0.53			
HS200432-IVI09-124-009	CHINOOK	193	75	F	0.44			
HS200432-IVI09-124-010	CHINOOK	230	135	F	0.77			
HS200432-IVI09-124-011	CHINOOK	162	47	F	0.23			
HS200432-IVI10-124-001	CHINOOK	179	63	M	1.34			
HS200432-IVI10-124-002	CHINOOK	165	48	F	0.39			
HS200432-IVI11-124-001	CHINOOK	254	213	F	6			
HS200432-IVI12-124-001	CHINOOK	365	557	F	0.4			AD
HS200432-IVI12-124-002	CHINOOK	307	328	F	0.36			
HS200432-IVI12-124-003	CHINOOK	275	253	M	0.66			
HS200432-IVI12-124-004	CHINOOK	353	478	F	4.86			
HS200432-IVI12-124-005	CHINOOK	333	431	F	1.56			
HS200432-IVI12-124-006	CHINOOK	466	1230					
HS200432-IVI12-124-007	CHINOOK	417	932					
HS200432-IVI12-124-008	CHINOOK	404	882					
HS200432-IVI12-124-009	CHINOOK	444	1182					
HS200432-IVI12-124-010	CHINOOK	440	1001					AD
HS200432-IVI12-124-011	CHINOOK	445	1082					AD
HS200432-IVI12-124-012	CHINOOK	422	900					
HS200432-IVI13-124-001	CHINOOK	237	157	F	0.57			
HS200432-IVI13-124-002	CHINOOK	215	107	M	0.35			
HS200432-IVI13-124-003	CHINOOK	187	82	F	2.56			
HS200432-IVI13-124-004	CHINOOK	216	124	F	0.63			
HS200432-IVI13-124-005	CHINOOK	185	73	M	0.6			
HS200432-IVI13-124-006	CHINOOK	210	102	M	0.34			
HS200432-IVI13-124-007	CHINOOK	190	85	M	1.05			
HS200432-IVI13-124-008	CHINOOK	166	51	M	0.49			
HS200432-IVI13-124-009	CHINOOK	150	33	M	0.55			
HS200432-IVI13-124-010	CHINOOK	165	48	M	0.36			
HS200432-IVI13-124-011	CHINOOK	177	59	M	1.31			
HS200432-IVI13-124-012	CHINOOK	150	36	M	0.39			
HS200432-IVI13-124-013	CHINOOK	161	42	F	0.53			
HS200432-IVI13-124-014	CHINOOK	162	43	F	0.35			
HS200432-IVI13-124-015	CHINOOK	159	42	M	0.8			
HS200432-IVI13-124-016	CHINOOK	158	42	F	0.31			
HS200432-IVI13-124-017	CHINOOK	171	53	F	0.22			
HS200432-IVI13-124-018	CHINOOK	128	22	F	0.41			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI13-124-019	CHINOOK	157	40	F	0.48			
HS200432-IVI13-124-020	CHINOOK	156	42	F	0.21			
HS200432-IVI13-124-021	CHINOOK	176	60	F	0.9			
HS200432-IVI13-124-022	CHINOOK	162	48	M	0.49			
HS200432-IVI13-124-023	CHINOOK	148	33	M	0.41			
HS200432-IVI13-124-024	CHINOOK	177	66	M	0.51			
HS200432-IVI13-124-025	CHINOOK	173	58	F	0.82			
HS200432-IVI13-124-026	CHINOOK	170	54	F	0.35			
HS200432-IVI13-124-027	CHINOOK	165	45	F	0.27			
HS200432-IVI13-124-028	CHINOOK	134	25	F	0.38			
HS200432-IVI14-124-001	CHINOOK	225	130	M	0.25			
HS200432-IVI14-124-002	CHINOOK	223	128	F	0.15			
HS200432-IVI14-124-003	CHINOOK	224	125	M	0.36			
HS200432-IVI14-124-004	CHINOOK	220	118	F	0.13			
HS200432-IVI14-124-005	CHINOOK	228	133	M	0.16			
HS200432-IVI14-124-006	CHINOOK	179	63	F	0.29			
HS200432-IVI14-124-007	CHINOOK	176	59	F	0.56			
HS200432-IVI14-124-008	CHINOOK	152	40	M	0.31			
HS200432-IVI14-124-009	CHINOOK	149	33	F	0.1			
HS200432-IVI14-124-010	CHINOOK	150	38	F	0.21			
HS200432-IVI14-124-011	CHINOOK	140	28	F	0.18			
HS200432-IVI14-124-012	CHINOOK	140	29	F	0.18			
HS200432-IVI14-124-013	CHINOOK	157	40	M	0.24			
HS200432-IVI14-124-014	CHINOOK	151	35	M	0.1			
HS200432-IVI14-124-015	CHINOOK	153	36	F	0.1			
HS200432-IVI14-124-016	CHINOOK	143	34	M	0.69			
HS200432-IVI14-124-017	CHINOOK	136	24	M	0.1			
HS200432-IVI14-124-018	CHINOOK	160	40	M	0.14			
HS200432-IVI14-124-019	CHINOOK	139	28	F	0.22			
HS200432-IVI14-124-020	CHINOOK	140	26	F	0.19			
HS200432-IVI14-124-021	CHINOOK	138	27	F	0.27			
HS200432-IVI14-124-022	CHINOOK	152	36	F	0.4			
HS200432-IVI14-124-023	CHINOOK	138	27	M	0.1			
HS200432-IVI14-124-024	CHINOOK	122	20	F	0.13			
HS200432-IVI15-124-001	CHINOOK	139	29	M	0.42			
HS200432-IVI15-124-002	CHINOOK	152	38	M	2.4			
HS200432-IVI16-124-001	CHINOOK	325	404	F	9.4	1.0	T631980	
HS200432-VI02-124-001	CHINOOK	457	1149	F				
HS200432-VI03-124-001	CHINOOK	602	2860	F				AD

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-VI04-124-001	CHINOOK	226	141	M	0.44			
HS200432-VI14-124-001	CHINOOK	153	43	F	1.66			
HS200432-VI17-124-001	CHINOOK	225	137	M	1.33			
HS200432-VI17-124-002	CHINOOK	215	127	M	1.58			
HS200432-VI18-124-001	CHINOOK	207	106	F	0.61			
HS200432-VI18-124-002	CHINOOK	210	110	M	0.59			
HS200432-VI18-124-003	CHINOOK	222	122	M	0.4			
HS200432-VI18-124-004	CHINOOK	236	156	M	0.36			
HS200432-VI18-124-005	CHINOOK	213	101	M	0.48			
HS200432-VI18-124-006	CHINOOK	225	138	F	3.75			
HS200432-VI18-124-007	CHINOOK	206	107	F	0.44			
HS200432-VI18-124-008	CHINOOK	230	143	F	1.33			
HS200432-VI18-124-009	CHINOOK	185	72	M	0.59			
HS200432-VI18-124-010	CHINOOK	228	143	F	3.51			
HS200432-VI18-124-011	CHINOOK	236	151	M	0.5			
HS200432-VI18-124-012	CHINOOK	222	136	F	0.62			
HS200432-VI18-124-013	CHINOOK	262	227	F	3.65			
HS200432-VI18-124-014	CHINOOK	196	85	M	1.62			
HS200432-VI18-124-015	CHINOOK	178	65	F	0.3			
HS200432-VI18-124-016	CHINOOK	195	87	F	0.81			
HS200432-VI18-124-017	CHINOOK	165	49	M	0.49			
HS200432-VI18-124-018	CHINOOK	158	38	F	0.35			
HS200432-VI19-124-001	CHINOOK	185	72	F	0.43			
HS200432-DE01-112-001	CHUM	219	95					
HS200432-DE02-112-001	CHUM	226	122					
HS200432-DE02-112-002	CHUM	237	146					
HS200432-DE02-112-003	CHUM	224	116					
HS200432-DE05-112-001	CHUM	221	110					
HS200432-DE06-112-001	CHUM	228	114					
HS200432-DE06-112-002	CHUM	228	120					
HS200432-DE06-112-003	CHUM	245	142					
HS200432-GS01-112-001	CHUM	241	149					
HS200432-GS01-112-002	CHUM	231	128					
HS200432-GS02-112-001	CHUM	244	156					
HS200432-H01-112-001	CHUM	209	105					
HS200432-H05-112-001	CHUM	255	163					
HS200432-H05-112-002	CHUM	245	148					
HS200432-H05-112-003	CHUM	217	95					
HS200432-H05-112-004	CHUM	203	73					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-H05-112-005	CHUM	212	97					
HS200432-H05-112-006	CHUM	203	84					
HS200432-H05-112-007	CHUM	225	116					
HS200432-H05-112-008	CHUM	201	73					
HS200432-H05-112-009	CHUM	175	52					
HS200432-H05-112-010	CHUM	237	102					
HS200432-H05-112-011	CHUM	202	81					
HS200432-H05-112-012	CHUM	204	79					
HS200432-H05-112-013	CHUM	215	105					
HS200432-H05-112-014	CHUM	214	90					
HS200432-H05-112-015	CHUM	210	86					
HS200432-H05-112-016	CHUM	204						
HS200432-H05-112-017	CHUM	211						
HS200432-H05-112-018	CHUM	207						
HS200432-H05-112-019	CHUM	205						
HS200432-H05-112-020	CHUM	207						
HS200432-H05-112-021	CHUM	205						
HS200432-H05-112-022	CHUM	200						
HS200432-H05-112-023	CHUM	193						
HS200432-H05-112-024	CHUM	191						
HS200432-H05-112-025	CHUM	195						
HS200432-H05-112-026	CHUM	184						
HS200432-H05-112-027	CHUM	211						
HS200432-H05-112-028	CHUM	197						
HS200432-H05-112-029	CHUM	197						
HS200432-H05-112-030	CHUM	220						
HS200432-H05-112-031	CHUM	196						
HS200432-H05-112-032	CHUM	189						
HS200432-H05-112-033	CHUM	206						
HS200432-H05-112-034	CHUM	190						
HS200432-H05-112-035	CHUM	181						
HS200432-H05-112-036	CHUM	201						
HS200432-H05-112-037	CHUM	199						
HS200432-H05-112-038	CHUM	201						
HS200432-H05-112-039	CHUM	201						
HS200432-H05-112-040	CHUM	197						
HS200432-H05-112-041	CHUM	199						
HS200432-H05-112-042	CHUM	202						
HS200432-H05-112-043	CHUM	197						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-H05-112-044	CHUM	201						
HS200432-H05-112-045	CHUM	192						
HS200432-H05-112-046	CHUM	191						
HS200432-H05-112-047	CHUM	207						
HS200432-H05-112-048	CHUM	181						
HS200432-H05-112-049	CHUM	203						
HS200432-H05-112-050	CHUM	226						
HS200432-H05-112-051	CHUM	197						
HS200432-H05-112-052	CHUM	197						
HS200432-H05-112-053	CHUM	203						
HS200432-H05-112-054	CHUM	223						
HS200432-H05-112-055	CHUM	196						
HS200432-H05-112-056	CHUM	198						
HS200432-H05-112-057	CHUM	187						
HS200432-H05-112-058	CHUM	195						
HS200432-H05-112-059	CHUM	217						
HS200432-H05-112-060	CHUM	205						
HS200432-H05-112-061	CHUM	209						
HS200432-H05-112-062	CHUM	203						
HS200432-H05-112-063	CHUM	197						
HS200432-H05-112-064	CHUM	202						
HS200432-H05-112-065	CHUM	218						
HS200432-H05-112-066	CHUM	205						
HS200432-H05-112-067	CHUM	198						
HS200432-H05-112-068	CHUM	180						
HS200432-H05-112-069	CHUM	211						
HS200432-H05-112-070	CHUM	212						
HS200432-H05-112-071	CHUM	206						
HS200432-H05-112-072	CHUM	198						
HS200432-H05-112-073	CHUM	204						
HS200432-H05-112-074	CHUM	205						
HS200432-H05-112-075	CHUM	192						
HS200432-H05-112-076	CHUM	201						
HS200432-H05-112-077	CHUM	200						
HS200432-H05-112-078	CHUM	186						
HS200432-H05-112-079	CHUM	205						
HS200432-H05-112-080	CHUM	203						
HS200432-H05-112-081	CHUM	203						
HS200432-H05-112-082	CHUM	205						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-H05-112-083	CHUM	190						
HS200432-H05-112-084	CHUM	196						
HS200432-H05-112-085	CHUM	197						
HS200432-H05-112-086	CHUM	185						
HS200432-H05-112-087	CHUM	205						
HS200432-H05-112-088	CHUM	210						
HS200432-H05-112-089	CHUM	199						
HS200432-H05-112-090	CHUM	207						
HS200432-H05-112-091	CHUM	203						
HS200432-H05-112-092	CHUM	190						
HS200432-H05-112-093	CHUM	191						
HS200432-H05-112-094	CHUM	187						
HS200432-H05-112-095	CHUM	193						
HS200432-H05-112-096	CHUM	202						
HS200432-H05-112-097	CHUM	203						
HS200432-H05-112-098	CHUM	198						
HS200432-H05-112-099	CHUM	181						
HS200432-H05-112-100	CHUM	204						
HS200432-H05-112-101	CHUM	198						
HS200432-H05-112-102	CHUM	187						
HS200432-H05-112-103	CHUM	197						
HS200432-H05-112-104	CHUM	195						
HS200432-H05-112-105	CHUM	200						
HS200432-H06-112-001	CHUM	194	68					
HS200432-H06-112-002	CHUM	204	83					
HS200432-H06-112-003	CHUM	191	72					
HS200432-H06-112-005	CHUM	194	68					
HS200432-H06-112-006	CHUM	185	64					
HS200432-H06-112-007	CHUM	201	74					
HS200432-H06-112-008	CHUM	189	72					
HS200432-H06-112-009	CHUM	199	77					
HS200432-H06-112-010	CHUM	215	92					
HS200432-H06-112-011	CHUM	204	73					
HS200432-H06-112-012	CHUM	209	86					
HS200432-H06-112-013	CHUM	200	71					
HS200432-H06-112-014	CHUM	209	89					
HS200432-H06-112-015	CHUM	193	66					
HS200432-H06-112-016	CHUM	192						
HS200432-H06-112-017	CHUM	191						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-H06-112-018	CHUM	209						
HS200432-H06-112-019	CHUM	190						
HS200432-H06-112-020	CHUM	200						
HS200432-H06-112-021	CHUM	175						
HS200432-H06-112-022	CHUM	201						
HS200432-H06-112-023	CHUM	211						
HS200432-H06-112-024	CHUM	201						
HS200432-H06-112-025	CHUM	237						
HS200432-H06-112-026	CHUM	208						
HS200432-H06-112-027	CHUM	190						
HS200432-H06-112-028	CHUM	195						
HS200432-H06-112-029	CHUM	215						
HS200432-H06-112-030	CHUM	191						
HS200432-H06-112-031	CHUM	181						
HS200432-H06-112-032	CHUM	192						
HS200432-H06-112-033	CHUM	189						
HS200432-H06-112-034	CHUM	191						
HS200432-H06-112-035	CHUM	200						
HS200432-H06-112-036	CHUM	183						
HS200432-H06-112-037	CHUM	189						
HS200432-H06-112-038	CHUM	200						
HS200432-H06-112-039	CHUM	176						
HS200432-H06-112-040	CHUM	205						
HS200432-H06-112-041	CHUM	189						
HS200432-H06-112-042	CHUM	201						
HS200432-H06-112-043	CHUM	184						
HS200432-H06-112-044	CHUM	203						
HS200432-HS01-112-001	CHUM	209	90					
HS200432-HS01-112-002	CHUM	206	85					
HS200432-HS01-112-003	CHUM	212	90					
HS200432-HS01-112-004	CHUM	202	68					
HS200432-HS01-112-005	CHUM	210	85					
HS200432-HS01-112-006	CHUM	210	90					
HS200432-HS01-112-007	CHUM	197	70					
HS200432-HS01-112-008	CHUM	234	139					
HS200432-HS01-112-009	CHUM	199	77					
HS200432-HS01-112-010	CHUM	214	95					
HS200432-HS01-112-011	CHUM	204	83					
HS200432-HS01-112-012	CHUM	218	103					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-HS01-112-013	CHUM	186	54					
HS200432-HS01-112-014	CHUM	209	85					
HS200432-HS01-112-015	CHUM	205	79					
HS200432-HS01-112-016	CHUM	212	97					
HS200432-HS01-112-017	CHUM	197	71					
HS200432-HS01-112-018	CHUM	209	84					
HS200432-IBC04-112-001	CHUM	224	110					
HS200432-IBC04-112-002	CHUM	210	86					
HS200432-IBC05-112-001	CHUM	208	97					
HS200432-IBC06-112-001	CHUM	222	117					
HS200432-IBC06-112-002	CHUM	220	105					
HS200432-IBC06-112-003	CHUM	240	129					
HS200432-IBC06-112-004	CHUM	205	86					
HS200432-IBC06-112-005	CHUM	212	94					
HS200432-IBC06-112-006	CHUM	219	113					
HS200432-IBC06-112-007	CHUM	227	115					
HS200432-IBC06-112-008	CHUM	235	141					
HS200432-IBC06-112-009	CHUM	219	105					
HS200432-IBC06-112-010	CHUM	204	89					
HS200432-IBC07-112-001	CHUM	245	149					
HS200432-ISEA17-112-001	CHUM	222	105					
HS200432-ISEA33-112-001	CHUM	225	120					
HS200432-IVI05-112-001	CHUM	659	3500	F				
HS200432-IVI05-112-002	CHUM	662	3400	F				
HS200432-IVI05-112-003	CHUM	704	4220	F				
HS200432-IVI05-112-004	CHUM	641	3380	F				
HS200432-IVI05-112-005	CHUM	724	4260	M				
HS200432-IVI05-112-006	CHUM	691	3880	F				
HS200432-IVI05-112-007	CHUM	635	3100	F				
HS200432-IVI05-112-008	CHUM	705	4060	F				
HS200432-IVI05-112-009	CHUM	748	5200	M				
HS200432-IVI05-112-010	CHUM	659	3220	F				
HS200432-IVI05-112-011	CHUM	675	3660	F				
HS200432-IVI05-112-012	CHUM	695	4280	M				
HS200432-IVI05-112-013	CHUM	682	3880	F				
HS200432-IVI05-112-014	CHUM	708	3920	M				
HS200432-IVI05-112-015	CHUM	672	4020	F				
HS200432-IVI05-112-016	CHUM	688	4100	F				
HS200432-IVI05-112-017	CHUM	662	3840	F				

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI05-112-018	CHUM	715	3880	F				
HS200432-IVI05-112-019	CHUM	720	3880	F				
HS200432-IVI05-112-020	CHUM	709	4100	F				
HS200432-IVI05-112-021	CHUM	622	2840	M				
HS200432-IVI05-112-022	CHUM	650	2680	F				
HS200432-IVI05-112-023	CHUM	670	3100	F				
HS200432-IVI05-112-024	CHUM	626	3040	F				
HS200432-IVI05-112-025	CHUM	655	3420	F				
HS200432-IVI05-112-026	CHUM	641	3620	F				
HS200432-IVI05-112-027	CHUM	661	3740	M				
HS200432-IVI05-112-028	CHUM	669	3560	F				
HS200432-IVI05-112-029	CHUM	758	5160	M				
HS200432-IVI05-112-030	CHUM	669	3820	F				
HS200432-IVI05-112-031	CHUM	656	3380	F				
HS200432-IVI05-112-032	CHUM	646	3100	F				
HS200432-IVI05-112-033	CHUM	635	2900	F				
HS200432-IVI05-112-034	CHUM	651	3100	F				
HS200432-IVI05-112-035	CHUM	735	4900	F				
HS200432-IVI05-112-036	CHUM	684	3960	M				
HS200432-IVI05-112-037	CHUM	630	2860	F				
HS200432-IVI05-112-038	CHUM	662	3880	F				
HS200432-IVI05-112-039	CHUM	710	4600	M				
HS200432-IVI05-112-040	CHUM	670	3720	F				
HS200432-IVI05-112-041	CHUM	667	3940	M				
HS200432-IVI05-112-042	CHUM	725	4240	F				
HS200432-IVI05-112-043	CHUM	671	3480	F				
HS200432-IVI05-112-044	CHUM	710	3980	F				
HS200432-IVI05-112-045	CHUM	625	2960	F				
HS200432-IVI05-112-046	CHUM	720	4260	F				
HS200432-IVI05-112-047	CHUM	669	4000	F				
HS200432-IVI05-112-048	CHUM	694	4300	F				
HS200432-IVI05-112-049	CHUM	680	4060	F				
HS200432-IVI05-112-050	CHUM	633	3040	F				
HS200432-IVI05-112-051	CHUM	646	3120	M				
HS200432-IVI05-112-052	CHUM	691	3940	F				
HS200432-IVI05-112-053	CHUM	646	3220	F				
HS200432-IVI05-112-054	CHUM	641	3040	M				
HS200432-IVI05-112-055	CHUM	700	4340	F				
HS200432-IVI05-112-056	CHUM	675	4060	M				

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI05-112-057	CHUM	649	3200	F				
HS200432-IVI05-112-058	CHUM	710	4300	F				
HS200432-IVI05-112-059	CHUM	745	4840	M				
HS200432-IVI05-112-060	CHUM	684	3260	F				
HS200432-IVI05-112-061	CHUM	689	3780	F				
HS200432-IVI05-112-062	CHUM	646	3020	F				
HS200432-IVI05-112-063	CHUM	705	4340	F				
HS200432-IVI05-112-064	CHUM	616	2680	M				
HS200432-IVI05-112-065	CHUM	705	4240	F				
HS200432-IVI05-112-066	CHUM	672	3900	F				
HS200432-IVI05-112-067	CHUM	700	4020	M				
HS200432-IVI05-112-068	CHUM	636	2940	F				
HS200432-IVI05-112-069	CHUM	664	3480	M				
HS200432-IVI05-112-070	CHUM	678	3960	F				
HS200432-IVI05-112-071	CHUM	666	3160	M				
HS200432-IVI05-112-072	CHUM	711	4040	M				
HS200432-IVI05-112-073	CHUM	562	2180	F				
HS200432-IVI06-112-001	CHUM	743	4920	F				
HS200432-IVI09-112-001	CHUM	768	4800	M				
HS200432-IVI09-112-002	CHUM	641	3200	F				
HS200432-IVI09-112-003	CHUM	648	3060	M				
HS200432-IVI09-112-004	CHUM	682	3680	M				
HS200432-IVI09-112-005	CHUM	670	3600	F				
HS200432-IVI09-112-006	CHUM	727	4600	F				
HS200432-IVI09-112-007	CHUM	671	3420	F				
HS200432-IVI09-112-008	CHUM	695	3960	F				
HS200432-IVI09-112-009	CHUM	674	3220	M				
HS200432-IVI09-112-010	CHUM	697	4260	F				
HS200432-IVI09-112-011	CHUM	708	4120	M				
HS200432-IVI09-112-012	CHUM	757	5400	M				
HS200432-IVI09-112-013	CHUM	749	4580	M				
HS200432-IVI09-112-014	CHUM	665	3400	F				
HS200432-IVI09-112-015	CHUM	648	3420	F				
HS200432-IVI09-112-016	CHUM	700	4480	F				
HS200432-IVI09-112-017	CHUM	678	3440	M				
HS200432-IVI09-112-018	CHUM	688	3620	F				
HS200432-IVI09-112-019	CHUM	618	3080	F				
HS200432-IVI09-112-020	CHUM	702	4000	F				
HS200432-IVI09-112-021	CHUM	636	3060	F				

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI09-112-022	CHUM	645	3400	F				
HS200432-IVI09-112-023	CHUM	621	2940	F				
HS200432-IVI09-112-024	CHUM	730	4640	M				
HS200432-IVI09-112-025	CHUM	675	4120	F				
HS200432-IVI09-112-026	CHUM	731	4560	M				
HS200432-IVI09-112-027	CHUM	728	4280	F				
HS200432-IVI09-112-028	CHUM	755	4900	F				
HS200432-IVI09-112-029	CHUM	682	3740	M				
HS200432-IVI09-112-030	CHUM	670	3300	M				
HS200432-IVI09-112-031	CHUM	690	4160	M				
HS200432-IVI09-112-032	CHUM	684	4120	F				
HS200432-IVI09-112-033	CHUM	689	3880	F				
HS200432-IVI09-112-034	CHUM	669	3460	F				
HS200432-IVI09-112-035	CHUM	670	2720	F				
HS200432-IVI09-112-036	CHUM	720	4140	M				
HS200432-IVI09-112-037	CHUM	681	3820	F				
HS200432-IVI09-112-038	CHUM	664	3600	F				
HS200432-IVI09-112-039	CHUM	695	3780	F				
HS200432-IVI09-112-040	CHUM	699	4140	F				
HS200432-IVI09-112-041	CHUM	643	3160	F				
HS200432-IVI09-112-042	CHUM	654	3100	F				
HS200432-IVI12-112-001	CHUM	635	2820	M				
HS200432-IVI12-112-002	CHUM	698	4320	M				
HS200432-IVI12-112-003	CHUM	610	2500	F				
HS200432-IVI12-112-004	CHUM	691	4060	M				
HS200432-IVI12-112-005	CHUM	658	3300	F				
HS200432-IVI12-112-006	CHUM	643	2840	F				
HS200432-IVI12-112-007	CHUM	690	4080	M				
HS200432-IVI12-112-008	CHUM	662	3760	F				
HS200432-IVI12-112-009	CHUM	683	3760	M				
HS200432-IVI12-112-010	CHUM	681	3540	F				
HS200432-IVI12-112-011	CHUM	715	4100	F				
HS200432-IVI12-112-012	CHUM	677	3560	F				
HS200432-IVI12-112-013	CHUM	662	3500	F				
HS200432-IVI12-112-014	CHUM	635	2980	F				
HS200432-IVI12-112-015	CHUM	670	3620	F				
HS200432-IVI12-112-016	CHUM	680	3480	F				
HS200432-IVI12-112-017	CHUM	658	3460	F				
HS200432-IVI12-112-018	CHUM	692	3500	F				

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI12-112-019	CHUM	674	2820	F				
HS200432-IVI12-112-020	CHUM	675	3920	F				
HS200432-IVI14-112-001	CHUM	181	46					
HS200432-IVI14-112-002	CHUM	202	75					
HS200432-IVI14-112-003	CHUM	634	2780	F				
HS200432-IVI14-112-004	CHUM	635	3080	F				
HS200432-T01-112-001	CHUM	210	89					
HS200432-T01-112-002	CHUM	224	92					
HS200432-T01-112-003	CHUM	251	164					
HS200432-T01-112-004	CHUM	226	120					
HS200432-T01-112-005	CHUM	215	103					
HS200432-T01-112-006	CHUM	213	96					
HS200432-T01-112-007	CHUM	209	85					
HS200432-T01-112-008	CHUM	203	79					
HS200432-T01-112-009	CHUM	196	74					
HS200432-T01-112-010	CHUM	206	83					
HS200432-T02-112-001	CHUM	200	81					
HS200432-T03-112-001	CHUM	243	150					
HS200432-T03-112-002	CHUM	240	148					
HS200432-T03-112-003	CHUM	239	130					
HS200432-T03-112-004	CHUM	221	106					
HS200432-T03-112-005	CHUM	224	111					
HS200432-T03-112-006	CHUM	236	132					
HS200432-T03-112-007	CHUM	224	122					
HS200432-T03-112-008	CHUM	236	138					
HS200432-T03-112-009	CHUM	216	96					
HS200432-T03-112-010	CHUM	209	86					
HS200432-T03-112-011	CHUM	224	118					
HS200432-T03-112-012	CHUM	213	102					
HS200432-T03-112-013	CHUM	227	125					
HS200432-T03-112-014	CHUM	225	118					
HS200432-T03-112-015	CHUM	239	141					
HS200432-T03-112-016	CHUM	240	145					
HS200432-T03-112-017	CHUM	242	149					
HS200432-T03-112-018	CHUM	244	150					
HS200432-T03-112-019	CHUM	209	88					
HS200432-T04-112-001	CHUM	220	112					
HS200432-T04-112-002	CHUM	220	119					
HS200432-T04-112-003	CHUM	217	105					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T04-112-004	CHUM	218	101					
HS200432-T04-112-005	CHUM	196	75					
HS200432-T04-112-006	CHUM	217	99					
HS200432-T04-112-007	CHUM	205	92					
HS200432-T04-112-008	CHUM	211	97					
HS200432-T04-112-009	CHUM	219	107					
HS200432-T04-112-010	CHUM	229	122					
HS200432-T04-112-011	CHUM	223	107					
HS200432-T04-112-012	CHUM	203	79					
HS200432-T04-112-013	CHUM	232	122					
HS200432-T04-112-014	CHUM	221	116					
HS200432-T04-112-015	CHUM	215	101					
HS200432-T04-112-016	CHUM	212						
HS200432-T04-112-017	CHUM	205						
HS200432-T04-112-018	CHUM	215						
HS200432-T04-112-019	CHUM	248						
HS200432-T04-112-020	CHUM	229						
HS200432-T04-112-021	CHUM	211						
HS200432-T04-112-022	CHUM	222						
HS200432-T04-112-023	CHUM	205						
HS200432-T04-112-024	CHUM	239						
HS200432-T04-112-025	CHUM	196						
HS200432-T04-112-026	CHUM	206						
HS200432-T04-112-027	CHUM	223						
HS200432-T04-112-028	CHUM	198						
HS200432-T04-112-029	CHUM	222						
HS200432-T04-112-030	CHUM	208						
HS200432-T04-112-031	CHUM	200						
HS200432-T04-112-032	CHUM	213						
HS200432-T04-112-033	CHUM	204						
HS200432-T04-112-034	CHUM	210						
HS200432-T04-112-035	CHUM	204						
HS200432-T04-112-036	CHUM	202						
HS200432-T04-112-037	CHUM	210						
HS200432-T04-112-038	CHUM	202						
HS200432-T04-112-039	CHUM	218						
HS200432-T04-112-040	CHUM	245						
HS200432-T04-112-041	CHUM	233						
HS200432-T04-112-042	CHUM	222						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T04-112-043	CHUM	198						
HS200432-T04-112-044	CHUM	216						
HS200432-T04-112-045	CHUM	202						
HS200432-T04-112-046	CHUM	211						
HS200432-T04-112-047	CHUM	217						
HS200432-T04-112-048	CHUM	210						
HS200432-T04-112-049	CHUM	204						
HS200432-T04-112-050	CHUM	207						
HS200432-T04-112-051	CHUM	214						
HS200432-T04-112-052	CHUM	197						
HS200432-T04-112-053	CHUM	223						
HS200432-T04-112-054	CHUM	222						
HS200432-T04-112-055	CHUM	210						
HS200432-T04-112-056	CHUM	211						
HS200432-T04-112-057	CHUM	205						
HS200432-T04-112-058	CHUM	215						
HS200432-T04-112-059	CHUM	231						
HS200432-T04-112-060	CHUM	242						
HS200432-T04-112-061	CHUM	229						
HS200432-T04-112-062	CHUM	215						
HS200432-T04-112-063	CHUM	207						
HS200432-T04-112-064	CHUM	225						
HS200432-T04-112-065	CHUM	215						
HS200432-T04-112-066	CHUM	248						
HS200432-T04-112-067	CHUM	222						
HS200432-T04-112-068	CHUM	198						
HS200432-T04-112-069	CHUM	220						
HS200432-T04-112-070	CHUM	205						
HS200432-T04-112-071	CHUM	204						
HS200432-T04-112-072	CHUM	206						
HS200432-T04-112-073	CHUM	204						
HS200432-T04-112-074	CHUM	205						
HS200432-T04-112-075	CHUM	200						
HS200432-T04-112-076	CHUM	202						
HS200432-T04-112-077	CHUM	201						
HS200432-T04-112-078	CHUM	229						
HS200432-T04-112-079	CHUM	215						
HS200432-T04-112-080	CHUM	207						
HS200432-T04-112-081	CHUM	199						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T04-112-082	CHUM	215						
HS200432-T04-112-083	CHUM	210						
HS200432-T04-112-084	CHUM	200						
HS200432-T04-112-085	CHUM	206						
HS200432-T04-112-086	CHUM	211						
HS200432-T04-112-087	CHUM	215						
HS200432-T04-112-088	CHUM	205						
HS200432-T04-112-089	CHUM	201						
HS200432-T04-112-090	CHUM	215						
HS200432-T04-112-091	CHUM	205						
HS200432-T04-112-092	CHUM	216						
HS200432-T04-112-093	CHUM	192						
HS200432-T04-112-094	CHUM	202						
HS200432-T04-112-095	CHUM	229						
HS200432-T04-112-096	CHUM	205						
HS200432-T04-112-097	CHUM	206						
HS200432-T04-112-098	CHUM	215						
HS200432-T04-112-099	CHUM	215						
HS200432-T04-112-100	CHUM	213						
HS200432-T04-112-101	CHUM	194						
HS200432-T04-112-102	CHUM	250						
HS200432-T04-112-103	CHUM	191						
HS200432-T04-112-104	CHUM	204						
HS200432-T04-112-105	CHUM	208						
HS200432-T04-112-106	CHUM	220						
HS200432-T04-112-107	CHUM	210						
HS200432-T04-112-108	CHUM	200						
HS200432-T04-112-109	CHUM	203						
HS200432-T04-112-110	CHUM	215						
HS200432-T04-112-111	CHUM	219						
HS200432-T04-112-112	CHUM	219						
HS200432-T04-112-113	CHUM	217						
HS200432-T04-112-114	CHUM	233						
HS200432-T04-112-115	CHUM	216						
HS200432-T04-112-116	CHUM	150						
HS200432-T04-112-117	CHUM	213						
HS200432-T04-112-118	CHUM	192						
HS200432-T04-112-119	CHUM	209						
HS200432-T04-112-120	CHUM	229						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T04-112-121	CHUM	204						
HS200432-T04-112-122	CHUM	239						
HS200432-T04-112-123	CHUM	205						
HS200432-T04-112-124	CHUM	211						
HS200432-T04-112-125	CHUM	190						
HS200432-T04-112-126	CHUM	200						
HS200432-T04-112-127	CHUM	190						
HS200432-T04-112-128	CHUM	197						
HS200432-T04-112-129	CHUM	205						
HS200432-T04-112-130	CHUM	213						
HS200432-T04-112-131	CHUM	198						
HS200432-T04-112-132	CHUM	201						
HS200432-T04-112-133	CHUM	216						
HS200432-T04-112-134	CHUM	218						
HS200432-T04-112-135	CHUM	186						
HS200432-T04-112-136	CHUM	218						
HS200432-T04-112-137	CHUM	201						
HS200432-T04-112-138	CHUM	201						
HS200432-T04-112-139	CHUM	210						
HS200432-T04-112-140	CHUM	204						
HS200432-T04-112-141	CHUM	204						
HS200432-T04-112-142	CHUM	201						
HS200432-T04-112-143	CHUM	210						
HS200432-T04-112-144	CHUM	204						
HS200432-T04-112-145	CHUM	237						
HS200432-T04-112-146	CHUM	222						
HS200432-T04-112-147	CHUM	242						
HS200432-T04-112-148	CHUM	217						
HS200432-T04-112-149	CHUM	225						
HS200432-T04-112-150	CHUM	213						
HS200432-T04-112-151	CHUM	203						
HS200432-T04-112-152	CHUM	198						
HS200432-T04-112-153	CHUM	200						
HS200432-T04-112-154	CHUM	216						
HS200432-T04-112-155	CHUM	213						
HS200432-T04-112-156	CHUM	221						
HS200432-T04-112-157	CHUM	194						
HS200432-T04-112-158	CHUM	229						
HS200432-T04-112-159	CHUM	217						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T04-112-160	CHUM	217						
HS200432-T04-112-161	CHUM	208						
HS200432-T04-112-162	CHUM	204						
HS200432-T04-112-163	CHUM	225						
HS200432-T04-112-164	CHUM	220						
HS200432-T04-112-165	CHUM	207						
HS200432-T04-112-166	CHUM	200						
HS200432-T04-112-167	CHUM	210						
HS200432-T04-112-168	CHUM	220						
HS200432-T04-112-169	CHUM	222						
HS200432-T04-112-170	CHUM	211						
HS200432-T04-112-171	CHUM	203						
HS200432-T04-112-172	CHUM	200						
HS200432-T04-112-173	CHUM	240						
HS200432-T04-112-174	CHUM	218						
HS200432-T04-112-175	CHUM	206						
HS200432-T04-112-176	CHUM	200						
HS200432-T04-112-177	CHUM	225						
HS200432-T04-112-178	CHUM	204						
HS200432-T04-112-179	CHUM	198						
HS200432-T04-112-180	CHUM	207						
HS200432-T04-112-181	CHUM	192						
HS200432-T04-112-182	CHUM	220						
HS200432-T04-112-183	CHUM	215						
HS200432-T04-112-184	CHUM	213						
HS200432-T04-112-185	CHUM	216						
HS200432-T04-112-186	CHUM	206						
HS200432-T04-112-187	CHUM	230						
HS200432-T04-112-188	CHUM	220						
HS200432-T04-112-189	CHUM	207						
HS200432-T05-112-001	CHUM	223	113					
HS200432-T05-112-002	CHUM	230	131					
HS200432-T05-112-003	CHUM	198	75					
HS200432-T05-112-004	CHUM	206	86					
HS200432-T05-112-005	CHUM	212	102					
HS200432-T05-112-006	CHUM	202	84					
HS200432-T05-112-007	CHUM	221	110					
HS200432-T05-112-008	CHUM	226	113					
HS200432-T05-112-009	CHUM	228	116					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T05-112-010	CHUM	213	109					
HS200432-T05-112-011	CHUM	185	65					
HS200432-T05-112-012	CHUM	215	108					
HS200432-T05-112-013	CHUM	212	95					
HS200432-T05-112-014	CHUM	219	106					
HS200432-T05-112-015	CHUM	215	102					
HS200432-T05-112-016	CHUM	206						
HS200432-T05-112-017	CHUM	273	219					
HS200432-T05-112-018	CHUM	221						
HS200432-T05-112-019	CHUM	185						
HS200432-T05-112-020	CHUM	172						
HS200432-T05-112-021	CHUM	211						
HS200432-T05-112-022	CHUM	210						
HS200432-T05-112-023	CHUM	215						
HS200432-T05-112-024	CHUM	205						
HS200432-T05-112-025	CHUM	193						
HS200432-T05-112-026	CHUM	193						
HS200432-T05-112-027	CHUM	207						
HS200432-T05-112-028	CHUM	209						
HS200432-T05-112-029	CHUM	197						
HS200432-T05-112-030	CHUM	205						
HS200432-T05-112-031	CHUM	211						
HS200432-T05-112-032	CHUM	200						
HS200432-T05-112-033	CHUM	225						
HS200432-T05-112-034	CHUM	204						
HS200432-T05-112-035	CHUM	219						
HS200432-T05-112-036	CHUM	197						
HS200432-T06-112-001	CHUM	221	122					
HS200432-T06-112-002	CHUM	211	108					
HS200432-T06-112-003	CHUM	207	103					
HS200432-T06-112-004	CHUM	239	153					
HS200432-T06-112-005	CHUM	215	111					
HS200432-T06-112-006	CHUM	220	122					
HS200432-T06-112-007	CHUM	217	109					
HS200432-T06-112-008	CHUM	215	106					
HS200432-T06-112-009	CHUM	213	106					
HS200432-T06-112-010	CHUM	230	131					
HS200432-T06-112-011	CHUM	236	142					
HS200432-T06-112-012	CHUM	218	117					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T06-112-013	CHUM	215	111					
HS200432-T06-112-014	CHUM	218	109					
HS200432-T06-112-015	CHUM	222	120					
HS200432-T06-112-016	CHUM	205	68					
HS200432-T06-112-017	CHUM	227	83					
HS200432-T06-112-018	CHUM	211	72					
HS200432-VI03-112-001	CHUM	688	4096	F				
HS200432-VI05-112-001	CHUM	196	70					
HS200432-VI06-112-001	CHUM	718	3908	M				
HS200432-VI07-112-001	CHUM	755	6180	M				
HS200432-DE01-115-001	COHO	362	593	PM	0.89			
HS200432-DE01-115-002	COHO	317	340	M	1.06			
HS200432-DE01-115-003	COHO	310	337	M	8.6			
HS200432-DE01-115-004	COHO	299	303	M	1.35			
HS200432-DE01-115-005	COHO	320	360	F	9.98			
HS200432-DE01-115-006	COHO	392	763	F	1.7			
HS200432-DE01-115-007	COHO	324	415	F	1.35			
HS200432-DE01-115-008	COHO	310	350	M	3.17			
HS200432-DE01-115-009	COHO	357	532	F	1.29			
HS200432-DE04-115-001	COHO	333	409	F	1.01			
HS200432-DE05-115-001	COHO	345	476	M	1.3			
HS200432-DE06-115-001	COHO	330	419	F	0.61			
HS200432-DE06-115-002	COHO	336	401	M	0.48			
HS200432-DE06-115-003	COHO	302	302	M	0.36			
HS200432-DE06-115-004	COHO	342	469	M	0.22			
HS200432-DE06-115-005	COHO	331	415	M	0.25			
HS200432-DE06-115-006	COHO	327	427	M	0.8			
HS200432-DE06-115-007	COHO	360	566	M	4.35			
HS200432-DE06-115-008	COHO	343	517	F	1.24			
HS200432-DE06-115-009	COHO	373	556	M	0.53			
HS200432-DE06-115-010	COHO	332	455	M	0.81	1.0	T080252	AD
HS200432-DE06-115-011	COHO	338	445	F	0.78			
HS200432-DE06-115-012	COHO	329	415	F	1.45			
HS200432-DE06-115-013	COHO	353	578	M	0.75			
HS200432-DE06-115-014	COHO	335	433	F	0.77			
HS200432-DE06-115-015	COHO	345	482	F	0.47			
HS200432-DE06-115-016	COHO	351	500	M	2.99			
HS200432-DE06-115-017	COHO	313	358	M	1.25			
HS200432-DE06-115-018	COHO	317	365	M	1.25			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-DE06-115-019	COHO	353	456	F	0.36	1.0	T080332	AD
HS200432-DE06-115-020	COHO	365	522	F	1.24			
HS200432-DE06-115-021	COHO	356	531	M	0.4			
HS200432-DE06-115-022	COHO	327	397	M	0.44			
HS200432-DE06-115-023	COHO	341	460	M	1.46	1.0	T210524	AD
HS200432-DE06-115-024	COHO	343	452	F	2.64			
HS200432-DE06-115-025	COHO	348	479	M	0.92			
HS200432-DE06-115-026	COHO	308	355	M	1.15			
HS200432-DE06-115-027	COHO	327	428	F	3.05			
HS200432-FI01-115-001	COHO	353	548	M	0.47			
HS200432-FI01-115-002	COHO	327	435	M	14.03			
HS200432-FI01-115-003	COHO	330	382	M	5.52			
HS200432-FI01-115-004	COHO	360	531	M	4.41			
HS200432-FI01-115-005	COHO	330	458	M	0.76			
HS200432-FI01-115-006	COHO	355	513	M	1.89		T050580Z	
HS200432-FI01-115-007	COHO	305	293	F	0.27			
HS200432-FI01-115-008	COHO	306	326	F	0.39			
HS200432-FI01-115-009	COHO	319	379	F	2.7			
HS200432-FI01-115-010	COHO	333	446	F	1.06			
HS200432-FI01-115-011	COHO	335	419	M	1.46			
HS200432-FI01-115-012	COHO	317	386	M	2.28			
HS200432-FI01-115-013	COHO	362	618	M	22.47			
HS200432-FI01-115-014	COHO	341	463	F	0.92			
HS200432-FI01-115-015	COHO	329	424	M	0.6		T631536Z	
HS200432-FI01-115-016	COHO	308	348	F	0.79			
HS200432-FI01-115-017	COHO	323	420	F	4.07	1.0	T081313	
HS200432-FI01-115-018	COHO	277	242	F	1.15			
HS200432-GS02-115-001	COHO	234	148	F	1.35			AD
HS200432-IBC01-115-001	COHO	317	349	F	0.33			
HS200432-IBC01-115-002	COHO	304	338	M	2.52			
HS200432-IBC01-115-003	COHO	257	180	M	0.73			
HS200432-IBC01-115-004	COHO	293	304	M	0.43			
HS200432-IBC02-115-001	COHO	309	350	M	1.85			
HS200432-IBC02-115-002	COHO	273	234	M	4.91			
HS200432-IBC02-115-003	COHO	328	424	M	8.36			
HS200432-IBC02-115-004	COHO	306	342	M	6.4			
HS200432-IBC03-115-001	COHO	314	399	M	8.23			
HS200432-IBC03-115-002	COHO	348	541	F	14.68			
HS200432-IBC03-115-003	COHO	367	635	F	6.31			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IBC03-115-004	COHO	300	324	F	4.14			
HS200432-IBC03-115-005	COHO	335	446	M	5.23			
HS200432-IBC03-115-006	COHO	276	239	M	4.56			
HS200432-IBC03-115-007	COHO	317	371	F	13.37			
HS200432-IBC03-115-008	COHO	275	281	M	1.3			
HS200432-IBC03-115-009	COHO	310	363	M	1.98			
HS200432-IBC03-115-010	COHO	307	322	M	2.94			
HS200432-IBC03-115-011	COHO	328	438	M	6.74			
HS200432-IBC03-115-012	COHO	71	3	U	0.11			
HS200432-IBC04-115-001	COHO	379	691	M	9.74			
HS200432-IBC04-115-002	COHO	348	545	F	3.08			
HS200432-IBC04-115-003	COHO	311	365	M	3.57			
HS200432-IBC04-115-004	COHO	297	309	F	3.55			
HS200432-IBC04-115-005	COHO	345	497	M	2.42			AD
HS200432-IBC04-115-006	COHO	331	449	F	13.82			
HS200432-IBC04-115-007	COHO	314	333	F	6.96			
HS200432-IBC04-115-008	COHO	338	422	F	5.56			
HS200432-IBC04-115-009	COHO	297	309	M	6.89			
HS200432-IBC04-115-010	COHO	351	538	M	21.08	1.0	T184148	
HS200432-IBC04-115-011	COHO	330	483	M	12.68			
HS200432-IBC06-115-001	COHO	360	584	M	14.59			
HS200432-IBC06-115-002	COHO	287	273	M	1.85			
HS200432-IBC07-115-001	COHO	350	493	M	2.29			
HS200432-ISEA01-115-001	COHO	300	337	M	6.48			
HS200432-ISEA02-115-001	COHO	204	90	M	1.37			
HS200432-ISEA13-115-001	COHO	314	352	M	2.59			
HS200432-ISEA43-115-001	COHO	326	416	M	0.44			
HS200432-IVI03-115-001	COHO	237	174	M	15.77			
HS200432-IVI04-115-001	COHO	300	331	M	6.28			
HS200432-IVI04-115-002	COHO	252	186	M	1.46			
HS200432-IVI05-115-001	COHO	810	6420	M				
HS200432-IVI09-115-001	COHO	645	3180	F				
HS200432-IVI10-115-001	COHO	326	433	M	3.04			AD
HS200432-IVI10-115-002	COHO	301	312	M	1.88			AD
HS200432-IVI10-115-003	COHO	297	322	F	0.88			
HS200432-IVI10-115-004	COHO	301	335	M	0.65			
HS200432-IVI11-115-001	COHO	276	250	M	1.39			
HS200432-IVI11-115-002	COHO	301	315	M	1.4			
HS200432-IVI11-115-003	COHO	284	266	M	0.9			

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI11-115-004	COHO	599	2470	F				
HS200432-IVI13-115-001	COHO	316	347	F	2.47			AD
HS200432-IVI13-115-002	COHO	309	329	M	7.59			AD
HS200432-IVI14-115-001	COHO	319	418	F	0.47	1.0	T051668	AD
HS200432-IVI14-115-002	COHO	314	347	F	2.97		T050268Z	
HS200432-IVI14-115-003	COHO	344	446	M	1.28		T631562Z	AD
HS200432-IVI14-115-004	COHO	325	371	M	0.84			
HS200432-IVI14-115-005	COHO	346	473	F	0.69			
HS200432-IVI14-115-006	COHO	330	406	F	0.11			AD
HS200432-IVI14-115-007	COHO	305	338	F	0.27			AD
HS200432-IVI14-115-008	COHO	290	272	F	0.37			
HS200432-IVI14-115-009	COHO	248	172	M	0.27			
HS200432-IVI14-115-010	COHO	368	617	F	0.97			
HS200432-IVI14-115-011	COHO	320	407	M	0.39			
HS200432-IVI14-115-012	COHO	310	340	F	0.3			
HS200432-IVI14-115-013	COHO	309	350	M	0.33			
HS200432-IVI14-115-014	COHO	308	347	F	0.32			
HS200432-IVI14-115-015	COHO	300	334	M	0.21			
HS200432-IVI14-115-016	COHO	294	304	M	0.37			
HS200432-IVI14-115-017	COHO	300	340	M	0.23			
HS200432-IVI14-115-018	COHO	327	393	F	0.2			AD
HS200432-IVI14-115-019	COHO	319	385	M	0.47			
HS200432-IVI14-115-020	COHO	297	288	M	0.68			
HS200432-IVI14-115-021	COHO	315	344	M	0.37			AD
HS200432-IVI14-115-022	COHO	295	295	M	0.38			
HS200432-IVI14-115-023	COHO	296	312	M	0.64			
HS200432-IVI14-115-024	COHO	331	446	F	0.71			
HS200432-IVI14-115-025	COHO	322	389	F	0.63			
HS200432-IVI14-115-026	COHO	299	305	M	0.74			
HS200432-IVI14-115-027	COHO	357	491	F	0.67			AD
HS200432-IVI14-115-028	COHO	278	239	M	0.42			
HS200432-IVI14-115-029	COHO	344	436	F	0.46			
HS200432-IVI14-115-030	COHO	324	380	M	0.94			
HS200432-IVI14-115-031	COHO	320						
HS200432-IVI14-115-032	COHO	298						
HS200432-IVI14-115-033	COHO	325						
HS200432-IVI14-115-034	COHO	322						
HS200432-IVI14-115-035	COHO	278						
HS200432-IVI14-115-036	COHO	317						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI14-115-037	COHO	310						
HS200432-IVI14-115-038	COHO	338						
HS200432-IVI14-115-039	COHO	296						
HS200432-IVI14-115-040	COHO	345						
HS200432-IVI14-115-041	COHO	283						
HS200432-IVI14-115-042	COHO	315						AD
HS200432-IVI14-115-043	COHO	298						
HS200432-IVI14-115-044	COHO	346						AD
HS200432-IVI14-115-045	COHO	300						
HS200432-IVI14-115-046	COHO	312						
HS200432-IVI14-115-047	COHO	300						
HS200432-IVI14-115-048	COHO	307						
HS200432-IVI14-115-049	COHO	302						
HS200432-IVI14-115-050	COHO	287						
HS200432-IVI14-115-051	COHO	342						AD
HS200432-IVI14-115-052	COHO	324						
HS200432-IVI14-115-053	COHO	333						AD
HS200432-IVI14-115-054	COHO	300						AD
HS200432-IVI14-115-055	COHO	303						
HS200432-IVI14-115-056	COHO	290						
HS200432-IVI14-115-057	COHO	282						
HS200432-IVI14-115-058	COHO	262						
HS200432-IVI14-115-059	COHO	314						
HS200432-IVI14-115-060	COHO	299						
HS200432-IVI14-115-061	COHO	310						
HS200432-IVI14-115-062	COHO	303						
HS200432-IVI14-115-063	COHO	332						AD
HS200432-IVI14-115-064	COHO	310						
HS200432-IVI14-115-065	COHO	308						
HS200432-IVI14-115-066	COHO	302						
HS200432-IVI14-115-067	COHO	295						
HS200432-IVI14-115-068	COHO	338						
HS200432-IVI14-115-069	COHO	314						
HS200432-IVI14-115-070	COHO	335						
HS200432-IVI14-115-071	COHO	300						
HS200432-IVI14-115-072	COHO	318						
HS200432-IVI14-115-073	COHO	292						
HS200432-IVI14-115-074	COHO	282						
HS200432-IVI14-115-075	COHO	305						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI14-115-076	COHO	298						
HS200432-IVI14-115-077	COHO	294						
HS200432-IVI14-115-078	COHO	310						
HS200432-IVI14-115-079	COHO	288						
HS200432-IVI14-115-080	COHO	283						
HS200432-IVI14-115-081	COHO	225						AD
HS200432-IVI14-115-082	COHO	308						
HS200432-IVI14-115-083	COHO	318						AD
HS200432-IVI14-115-084	COHO	300						
HS200432-IVI14-115-085	COHO	314						
HS200432-IVI14-115-086	COHO	310						
HS200432-IVI14-115-087	COHO	330						
HS200432-IVI14-115-088	COHO	282						
HS200432-IVI14-115-089	COHO	315						AD
HS200432-IVI14-115-090	COHO	273						
HS200432-IVI14-115-091	COHO	313						
HS200432-IVI14-115-092	COHO	284						
HS200432-IVI14-115-093	COHO	276						AD
HS200432-IVI14-115-094	COHO	305						
HS200432-IVI14-115-095	COHO	337						
HS200432-IVI14-115-096	COHO	270						
HS200432-IVI14-115-097	COHO	300						
HS200432-IVI14-115-098	COHO	276						
HS200432-IVI14-115-099	COHO	322						
HS200432-IVI14-115-100	COHO	315						
HS200432-IVI14-115-101	COHO	294						
HS200432-IVI14-115-102	COHO	312						
HS200432-IVI14-115-103	COHO	307						AD
HS200432-IVI14-115-104	COHO	292						
HS200432-IVI14-115-105	COHO	308						AD
HS200432-IVI14-115-106	COHO	260						
HS200432-IVI14-115-107	COHO	288						
HS200432-IVI14-115-108	COHO	310						
HS200432-IVI14-115-109	COHO	289						
HS200432-IVI14-115-110	COHO	315						
HS200432-IVI14-115-111	COHO	276						AD
HS200432-IVI14-115-112	COHO	317						
HS200432-IVI14-115-113	COHO	310						
HS200432-IVI14-115-114	COHO	305						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI14-115-115	COHO	315						
HS200432-IVI14-115-116	COHO	335						
HS200432-IVI14-115-117	COHO	302						
HS200432-IVI14-115-118	COHO	319						
HS200432-IVI14-115-119	COHO	286						
HS200432-IVI14-115-120	COHO	306						
HS200432-IVI14-115-121	COHO	306						
HS200432-IVI14-115-122	COHO	319						AD
HS200432-IVI14-115-123	COHO	282						
HS200432-IVI14-115-124	COHO	304						
HS200432-IVI14-115-125	COHO	302						
HS200432-IVI14-115-126	COHO	340						
HS200432-IVI14-115-127	COHO	300						
HS200432-IVI14-115-128	COHO	288						
HS200432-IVI14-115-129	COHO	321						
HS200432-IVI14-115-130	COHO	305						
HS200432-IVI14-115-131	COHO	321						
HS200432-IVI14-115-132	COHO	320						
HS200432-IVI14-115-133	COHO	315						AD
HS200432-IVI14-115-134	COHO	317						AD
HS200432-IVI14-115-135	COHO	305						
HS200432-IVI14-115-136	COHO	301						
HS200432-IVI14-115-137	COHO	291						
HS200432-IVI14-115-138	COHO	316						
HS200432-IVI14-115-139	COHO	326						
HS200432-IVI14-115-140	COHO	302						
HS200432-IVI14-115-141	COHO	301						
HS200432-IVI14-115-142	COHO	319						AD
HS200432-IVI14-115-143	COHO	328						AD
HS200432-IVI14-115-144	COHO	286						
HS200432-IVI14-115-145	COHO	315						
HS200432-IVI14-115-146	COHO	291						
HS200432-IVI14-115-147	COHO	310						
HS200432-IVI14-115-148	COHO	298						
HS200432-IVI14-115-149	COHO	310						
HS200432-IVI14-115-150	COHO	325						AD
HS200432-IVI14-115-151	COHO	308						AD
HS200432-IVI14-115-152	COHO	315						AD
HS200432-IVI14-115-153	COHO	253						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-IVI14-115-154	COHO	312						
HS200432-IVI14-115-155	COHO	260						
HS200432-IVI14-115-156	COHO	255						
HS200432-IVI14-115-157	COHO	327						
HS200432-IVI14-115-158	COHO	310						
HS200432-IVI14-115-159	COHO	276						
HS200432-IVI14-115-160	COHO	292						
HS200432-IVI14-115-161	COHO	297						
HS200432-IVI14-115-162	COHO	296						
HS200432-IVI15-115-001	COHO	329	435	F	1.42			
HS200432-IVI15-115-002	COHO	323	363	F	1.33			
HS200432-IVI15-115-003	COHO	281	252	M	0.27			
HS200432-T04-115-001	COHO	270	256	F	7.43			AD
HS200432-T05-115-001	COHO	283	282	M	11.41			
HS200432-VI02-115-001	COHO	339	448	F	3.55			
HS200432-VI05-115-001	COHO	340	477	F	1.65	1.0	T631488	AD
HS200432-VI06-115-001	COHO	330	459	F	4.96			AD
HS200432-VI11-115-001	COHO	339	478	M	1.05			
HS200432-VI11-115-002	COHO	311	358	F	1.14			
HS200432-VI16-115-001	COHO	325	392	F	3.05			
HS200432-VI17-115-001	COHO	305	337	M	0.42			
HS200432-VI18-115-001	COHO	320	411	M	0.31			
HS200432-VI18-115-002	COHO	338	438	F	1.25			
HS200432-VI18-115-003	COHO	310	285	M	0.2			AD
HS200432-VI18-115-004	COHO	351	580	F	1.92			AD
HS200432-VI18-115-005	COHO	334	472	F	0.89			
HS200432-VI18-115-006	COHO	345	462	M	0.44			AD
HS200432-VI19-115-001	COHO	312	337	M	1.75			
HS200432-DE01-108-001	PINK	249	136					
HS200432-DE01-108-002	PINK	214	90					
HS200432-DE01-108-003	PINK	245	140					
HS200432-DE01-108-004	PINK	226	103					
HS200432-DE01-108-005	PINK	262	178					
HS200432-DE01-108-006	PINK	235	119					
HS200432-DE01-108-007	PINK	239	122					
HS200432-DE01-108-008	PINK	238	135					
HS200432-DE01-108-009	PINK	225	112					
HS200432-DE01-108-010	PINK	291	234					
HS200432-DE01-108-011	PINK	207	82					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-DE01-108-012	PINK	262	174					
HS200432-DE01-108-013	PINK	223	97					
HS200432-DE01-108-014	PINK	245	137					
HS200432-DE01-108-015	PINK	216	91					
HS200432-DE01-108-016	PINK	226						
HS200432-DE01-108-017	PINK	237						
HS200432-DE01-108-018	PINK	238						
HS200432-DE01-108-019	PINK	255						
HS200432-DE01-108-020	PINK	252						
HS200432-DE01-108-021	PINK	220						
HS200432-DE01-108-022	PINK	205						
HS200432-DE01-108-023	PINK	206						
HS200432-DE01-108-024	PINK	247						
HS200432-DE01-108-025	PINK	225						
HS200432-DE01-108-026	PINK	250						
HS200432-DE02-108-001	PINK	231	117					
HS200432-DE05-108-001	PINK	208	80					
HS200432-DE06-108-001	PINK	238	126					
HS200432-DE06-108-002	PINK	274	182					
HS200432-DE06-108-003	PINK	216	91					
HS200432-DE06-108-004	PINK	202	68					
HS200432-DE06-108-005	PINK	234	112					
HS200432-DE06-108-006	PINK	204	73					
HS200432-DE06-108-007	PINK	235	116					
HS200432-DE06-108-008	PINK	231	113					
HS200432-DE06-108-009	PINK	263	175					
HS200432-DE06-108-010	PINK	245	138					
HS200432-DE06-108-011	PINK	251	145					
HS200432-DE06-108-012	PINK	278	236					
HS200432-FI01-108-001	PINK	274	206					
HS200432-FI01-108-002	PINK	265	178					
HS200432-FI01-108-003	PINK	280	231					
HS200432-FI01-108-004	PINK	297	262					
HS200432-FI01-108-005	PINK	285	235					
HS200432-FI01-108-006	PINK	288	265					
HS200432-FI01-108-007	PINK	285	251					
HS200432-FI01-108-008	PINK	276	200					
HS200432-FI01-108-009	PINK	271	198					
HS200432-FI01-108-010	PINK	262	174					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-FI01-108-011	PINK	295	271					
HS200432-FI01-108-012	PINK	285	232					
HS200432-FI01-108-013	PINK	281	244					
HS200432-FI01-108-014	PINK	294	245					
HS200432-FI01-108-015	PINK	293	251					
HS200432-FI01-108-016	PINK	266	179					
HS200432-FI01-108-017	PINK	282	237					
HS200432-GS02-108-001	PINK	218	103					
HS200432-H03-108-001	PINK	217	97					
HS200432-H03-108-002	PINK	207	91					
HS200432-H04-108-001	PINK	272	204					
HS200432-H04-108-002	PINK	192	62					
HS200432-H04-108-003	PINK	215	100					
HS200432-H05-108-001	PINK	218	111					
HS200432-H05-108-002	PINK	221	113					
HS200432-H05-108-003	PINK	195	62					
HS200432-H05-108-004	PINK	210	92					
HS200432-H05-108-005	PINK	212	100					
HS200432-H05-108-006	PINK	206	93					
HS200432-H05-108-007	PINK	197	76					
HS200432-H05-108-008	PINK	189	64					
HS200432-H05-108-009	PINK	200	71					
HS200432-H05-108-010	PINK	201	76					
HS200432-H05-108-011	PINK	209	80					
HS200432-H05-108-012	PINK	221	92					
HS200432-H05-108-013	PINK	235	128					
HS200432-H05-108-014	PINK	205	71					
HS200432-H05-108-015	PINK	202	84					
HS200432-H05-108-016	PINK	190						
HS200432-H05-108-017	PINK	192						
HS200432-H05-108-018	PINK	202						
HS200432-H05-108-019	PINK	180						
HS200432-H05-108-020	PINK	201						
HS200432-H05-108-021	PINK	191						
HS200432-H05-108-022	PINK	189						
HS200432-H05-108-023	PINK	203						
HS200432-H05-108-024	PINK	205						
HS200432-H05-108-025	PINK	200						
HS200432-H05-108-026	PINK	192						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-H05-108-027	PINK	186						
HS200432-H05-108-028	PINK	212						
HS200432-H05-108-029	PINK	192						
HS200432-H05-108-030	PINK	193						
HS200432-H05-108-031	PINK	190						
HS200432-H05-108-032	PINK	182						
HS200432-H05-108-033	PINK	195						
HS200432-H05-108-034	PINK	209						
HS200432-H05-108-035	PINK	196						
HS200432-H05-108-036	PINK	209						
HS200432-H05-108-037	PINK	190						
HS200432-H05-108-038	PINK	190						
HS200432-H05-108-039	PINK	199						
HS200432-H05-108-040	PINK	199						
HS200432-H05-108-041	PINK	195						
HS200432-H05-108-042	PINK	173						
HS200432-H05-108-043	PINK	187						
HS200432-H05-108-044	PINK	185						
HS200432-H05-108-045	PINK	222						
HS200432-H05-108-046	PINK	204						
HS200432-H05-108-047	PINK	200						
HS200432-H05-108-048	PINK	207						
HS200432-H05-108-049	PINK	229						
HS200432-H05-108-050	PINK	181						
HS200432-H05-108-051	PINK	237						
HS200432-H05-108-052	PINK	181						
HS200432-H05-108-053	PINK	211						
HS200432-H05-108-054	PINK	202						
HS200432-H05-108-055	PINK	191						
HS200432-H05-108-056	PINK	212						
HS200432-H05-108-057	PINK	194						
HS200432-H05-108-058	PINK	214						
HS200432-H05-108-059	PINK	214						
HS200432-H05-108-060	PINK	190						
HS200432-H05-108-061	PINK	229						
HS200432-H05-108-062	PINK	195						
HS200432-H05-108-063	PINK	186						
HS200432-H05-108-064	PINK	189						
HS200432-H05-108-065	PINK	185						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-H05-108-066	PINK	203						
HS200432-H06-108-001	PINK	197	66					
HS200432-H06-108-002	PINK	194	66					
HS200432-H06-108-003	PINK	194	63					
HS200432-H06-108-004	PINK	196	60					
HS200432-H06-108-005	PINK	196	70					
HS200432-H06-108-006	PINK	193	62					
HS200432-H06-108-007	PINK	205	79					
HS200432-H06-108-008	PINK	184	56					
HS200432-H06-108-009	PINK	192	63					
HS200432-H06-108-010	PINK	182	60					
HS200432-H06-108-011	PINK	192	62					
HS200432-H06-108-012	PINK	182	50					
HS200432-H06-108-013	PINK	197	59					
HS200432-H06-108-014	PINK	180	48					
HS200432-H06-108-015	PINK	188	56					
HS200432-H06-108-016	PINK	186	61					
HS200432-H06-108-017	PINK	187						
HS200432-H06-108-018	PINK	190						
HS200432-H06-108-019	PINK	195						
HS200432-H06-108-020	PINK	193						
HS200432-H06-108-021	PINK	206						
HS200432-H06-108-022	PINK	189						
HS200432-H06-108-023	PINK	199						
HS200432-H06-108-024	PINK	200						
HS200432-H06-108-025	PINK	175						
HS200432-H06-108-026	PINK	193						
HS200432-H06-108-027	PINK	202						
HS200432-H06-108-028	PINK	176						
HS200432-H06-108-029	PINK	194						
HS200432-H06-108-030	PINK	185						
HS200432-H06-108-031	PINK	174						
HS200432-H06-108-032	PINK	183						
HS200432-H06-108-033	PINK	190						
HS200432-H06-108-034	PINK	188						
HS200432-H06-108-035	PINK	182						
HS200432-H06-108-036	PINK	201						
HS200432-H06-108-037	PINK	203						
HS200432-H06-108-038	PINK	191						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-H06-108-039	PINK	187						
HS200432-H06-108-040	PINK	187						
HS200432-H06-108-041	PINK	194						
HS200432-H06-108-042	PINK	192						
HS200432-H06-108-043	PINK	183						
HS200432-H06-108-044	PINK	189						
HS200432-H06-108-045	PINK	184						
HS200432-H06-108-046	PINK	180						
HS200432-H06-108-047	PINK	190						
HS200432-H06-108-048	PINK	196						
HS200432-H06-108-049	PINK	195						
HS200432-H06-108-050	PINK	206						
HS200432-H06-108-051	PINK	185						
HS200432-H06-108-052	PINK	184						
HS200432-H06-108-053	PINK	184						
HS200432-H06-108-054	PINK	185						
HS200432-H06-108-055	PINK	194						
HS200432-H06-108-056	PINK	172						
HS200432-H06-108-057	PINK	190						
HS200432-H06-108-058	PINK	191						
HS200432-H06-108-059	PINK	195						
HS200432-H06-108-060	PINK	186						
HS200432-H06-108-061	PINK	187						
HS200432-H06-108-062	PINK	190						
HS200432-H06-108-063	PINK	202						
HS200432-H06-108-064	PINK	201						
HS200432-H06-108-065	PINK	215						
HS200432-HS01-108-001	PINK	195	62					
HS200432-HS01-108-002	PINK	261	188					
HS200432-HS01-108-003	PINK	222	92					
HS200432-HS01-108-004	PINK	221	95					
HS200432-HS01-108-005	PINK	213	81					
HS200432-HS01-108-006	PINK	209	78					
HS200432-HS01-108-007	PINK	186	56					
HS200432-HS01-108-008	PINK	229	115					
HS200432-HS01-108-009	PINK	198	71					
HS200432-HS01-108-010	PINK	203	77					
HS200432-HS01-108-011	PINK	213	94					
HS200432-HS01-108-012	PINK	224	102					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-HS01-108-013	PINK	207	84					
HS200432-IBC03-108-001	PINK	211	89					
HS200432-IBC03-108-002	PINK	212	90					
HS200432-IBC03-108-003	PINK	192	71					
HS200432-IBC03-108-004	PINK	219	85					
HS200432-IBC04-108-001	PINK	210	91					
HS200432-IBC05-108-001	PINK	191	73					
HS200432-IBC06-108-001	PINK	221	102					
HS200432-IBC06-108-002	PINK	232	134					
HS200432-IBC06-108-003	PINK	210	81					
HS200432-IBC06-108-004	PINK	199	74					
HS200432-IBC06-108-005	PINK	222	101					
HS200432-IBC06-108-006	PINK	203	79					
HS200432-IBC06-108-007	PINK	200	78					
HS200432-IBC06-108-008	PINK	200	75					
HS200432-IBC06-108-009	PINK	249	164					
HS200432-IBC06-108-010	PINK	241	125					
HS200432-IBC06-108-011	PINK	271	170					
HS200432-IBC06-108-012	PINK	210	89					
HS200432-IBC06-108-013	PINK	212	92					
HS200432-IBC06-108-014	PINK	225	114					
HS200432-IBC06-108-015	PINK	203	87					
HS200432-IBC07-108-001	PINK	201	74					
HS200432-IBC07-108-002	PINK	248	150					
HS200432-IBC07-108-003	PINK	246	133					
HS200432-IBC07-108-004	PINK	280	230					
HS200432-IBC07-108-005	PINK	210	97					
HS200432-IBC07-108-006	PINK	206	84					
HS200432-IBC07-108-007	PINK	258	173					
HS200432-IBC07-108-008	PINK	233	120					
HS200432-IBC07-108-009	PINK	195	68					
HS200432-IBC07-108-010	PINK	200	75					
HS200432-IBC07-108-011	PINK	240	135					
HS200432-IBC07-108-012	PINK	218	100					
HS200432-IBC07-108-013	PINK	205	88					
HS200432-IBC07-108-014	PINK	229	104					
HS200432-IBC07-108-015	PINK	236	129					
HS200432-IBC07-108-016	PINK	214						
HS200432-IBC07-108-017	PINK	254						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA08-108-001	PINK	240	146					
HS200432-ISEA13-108-001	PINK	274	226					
HS200432-ISEA13-108-002	PINK	269	225					
HS200432-ISEA15-108-001	PINK	262	180					
HS200432-ISEA15-108-002	PINK	312	319					
HS200432-ISEA17-108-001	PINK	230	110					
HS200432-ISEA18-108-001	PINK	255	167					
HS200432-ISEA24-108-001	PINK	240	129					
HS200432-ISEA29-108-001	PINK	307	313					
HS200432-ISEA29-108-002	PINK	246	153					
HS200432-ISEA29-108-003	PINK	246	151					
HS200432-ISEA32-108-001	PINK	274	232					
HS200432-ISEA36-108-001	PINK	228	116					
HS200432-ISEA40-108-001	PINK	242	147					
HS200432-ISEA43-108-001	PINK	226	96					
HS200432-ISEA44-108-001	PINK	234	120					
HS200432-ISEA47-108-001	PINK	223	96					
HS200432-ISEA49-108-001	PINK	233	121					
HS200432-ISEA49-108-002	PINK	225	100					
HS200432-T01-108-001	PINK	222	103					
HS200432-T01-108-002	PINK	200	66					
HS200432-T04-108-001	PINK	192	65					
HS200432-T04-108-002	PINK	190	68					
HS200432-T04-108-003	PINK	204	78					
HS200432-T04-108-004	PINK	200	70					
HS200432-T04-108-005	PINK	192	61					
HS200432-T04-108-006	PINK	200	75					
HS200432-T04-108-007	PINK	195	74					
HS200432-T04-108-008	PINK	202	74					
HS200432-T04-108-009	PINK	210	88					
HS200432-T04-108-010	PINK	197	68					
HS200432-T04-108-011	PINK	202	75					
HS200432-T04-108-012	PINK	196	73					
HS200432-T04-108-013	PINK	193	62					
HS200432-T04-108-014	PINK	210	89					
HS200432-T04-108-015	PINK	217	87					
HS200432-T04-108-016	PINK	200						
HS200432-T04-108-017	PINK	200						
HS200432-T04-108-018	PINK	222						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T04-108-019	PINK	196						
HS200432-T04-108-020	PINK	222						
HS200432-T04-108-021	PINK	230						
HS200432-T04-108-022	PINK	202						
HS200432-T04-108-023	PINK	203						
HS200432-T04-108-024	PINK	207						
HS200432-T04-108-025	PINK	216						
HS200432-T04-108-026	PINK	206						
HS200432-T04-108-027	PINK	213						
HS200432-T04-108-028	PINK	192						
HS200432-T04-108-029	PINK	207						
HS200432-T04-108-030	PINK	203						
HS200432-T04-108-031	PINK	190						
HS200432-T04-108-032	PINK	201						
HS200432-T04-108-033	PINK	209						
HS200432-T04-108-034	PINK	202						
HS200432-T04-108-035	PINK	200						
HS200432-T04-108-036	PINK	191						
HS200432-T04-108-037	PINK	206						
HS200432-T04-108-038	PINK	205						
HS200432-T04-108-039	PINK	187						
HS200432-T04-108-040	PINK	220						
HS200432-T04-108-041	PINK	200						
HS200432-T04-108-042	PINK	211						
HS200432-T04-108-043	PINK	215						
HS200432-T04-108-044	PINK	202						
HS200432-T04-108-045	PINK	208						
HS200432-T04-108-046	PINK	205						
HS200432-T04-108-047	PINK	200						
HS200432-T04-108-048	PINK	188						
HS200432-T04-108-049	PINK	193						
HS200432-T04-108-050	PINK	201						
HS200432-T04-108-051	PINK	195						
HS200432-T04-108-052	PINK	192						
HS200432-T04-108-053	PINK	205						
HS200432-T04-108-054	PINK	193						
HS200432-T04-108-055	PINK	193						
HS200432-T04-108-056	PINK	199						
HS200432-T04-108-057	PINK	195						

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-T04-108-058	PINK	196						
HS200432-T04-108-059	PINK	187						
HS200432-T05-108-001	PINK	222	99					
HS200432-T05-108-002	PINK	210	84					
HS200432-T05-108-003	PINK	192	65					
HS200432-T05-108-004	PINK	197	67					
HS200432-T05-108-005	PINK	211	90					
HS200432-T05-108-006	PINK	210	89					
HS200432-T05-108-007	PINK	196	66					
HS200432-T05-108-008	PINK	204	79					
HS200432-T05-108-009	PINK	229	102					
HS200432-T05-108-010	PINK	197	75					
HS200432-T05-108-011	PINK	212	85					
HS200432-T05-108-012	PINK	183	53					
HS200432-T05-108-013	PINK	202	76					
HS200432-T05-108-014	PINK	217	92					
HS200432-T05-108-015	PINK	213						
HS200432-T06-108-001	PINK	235	143					
HS200432-VI02-108-001	PINK	260	177					
HS200432-VI02-108-002	PINK	218	108					
HS200432-VI18-108-001	PINK	173	48					
HS200432-VI18-108-002	PINK	155	33					
HS200432-VI18-108-003	PINK	167	42					
HS200432-VI18-108-004	PINK	151	31					
HS200432-VI18-108-005	PINK	174	45					
HS200432-VI18-108-006	PINK	206	83					
HS200432-VI18-108-007	PINK	165	40					
HS200432-VI18-108-008	PINK	165	40					
HS200432-VI18-108-009	PINK	216	88					
HS200432-VI19-108-001	PINK	160	35					
HS200432-VI19-108-002	PINK	166	38					
HS200432-VI19-108-003	PINK	161	36					
HS200432-DE01-118-001	SOCKEYE	215	102					
HS200432-DE01-118-002	SOCKEYE	187	69					
HS200432-DE01-118-003	SOCKEYE	179	54					
HS200432-DE06-118-001	SOCKEYE	201	77					
HS200432-DE06-118-002	SOCKEYE	202	78					
HS200432-FI01-118-001	SOCKEYE	227	128					
HS200432-FI01-118-002	SOCKEYE	223	109					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-FI01-118-003	SOCKEYE	220	120					
HS200432-FI01-118-004	SOCKEYE	234	139					
HS200432-FI01-118-005	SOCKEYE	234	136					
HS200432-H05-118-001	SOCKEYE	174	54					
HS200432-H05-118-002	SOCKEYE	167	51					
HS200432-H05-118-003	SOCKEYE	184	60					
HS200432-H05-118-004	SOCKEYE	180	60					
HS200432-H05-118-005	SOCKEYE	180	58					
HS200432-H05-118-006	SOCKEYE	189	70					
HS200432-H05-118-007	SOCKEYE	183	60					
HS200432-H05-118-008	SOCKEYE	170	50					
HS200432-H05-118-009	SOCKEYE	170	51					
HS200432-H05-118-010	SOCKEYE	180	58					
HS200432-H05-118-011	SOCKEYE	178	59					
HS200432-H05-118-012	SOCKEYE	196	80					
HS200432-H05-118-013	SOCKEYE	171	46					
HS200432-H05-118-014	SOCKEYE	176	59					
HS200432-H05-118-015	SOCKEYE	180	54					
HS200432-H05-118-016	SOCKEYE	180	59					
HS200432-H05-118-017	SOCKEYE	184	61					
HS200432-H05-118-018	SOCKEYE	168	50					
HS200432-H05-118-019	SOCKEYE	174	51					
HS200432-H06-118-001	SOCKEYE	176	53					
HS200432-H06-118-002	SOCKEYE	173	43					
HS200432-H06-118-003	SOCKEYE	170	47					
HS200432-H06-118-004	SOCKEYE	165	46					
HS200432-H06-118-005	SOCKEYE	183	56					
HS200432-H06-118-006	SOCKEYE	177	54					
HS200432-H06-118-007	SOCKEYE	187	66					
HS200432-H06-118-008	SOCKEYE	174	51					
HS200432-H06-118-009	SOCKEYE	167	51					
HS200432-H06-118-010	SOCKEYE	189	66					
HS200432-H06-118-011	SOCKEYE	186	63					
HS200432-H06-118-012	SOCKEYE	172	52					
HS200432-H06-118-013	SOCKEYE	166	46					
HS200432-H06-118-014	SOCKEYE	177	58					
HS200432-H06-118-015	SOCKEYE	191	74					
HS200432-H06-118-016	SOCKEYE	176	50					
HS200432-H06-118-017	SOCKEYE	176	52					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-HS01-118-001	SOCKEYE	190	67					
HS200432-HS01-118-002	SOCKEYE	182	54					
HS200432-HS01-118-003	SOCKEYE	176	48					
HS200432-HS01-118-004	SOCKEYE	184	59					
HS200432-HS01-118-005	SOCKEYE	187	61					
HS200432-HS01-118-006	SOCKEYE	195	67					
HS200432-IBC03-118-001	SOCKEYE	195	68					
HS200432-IBC03-118-002	SOCKEYE	199	79					
HS200432-IBC06-118-001	SOCKEYE	209	91					
HS200432-IBC06-118-002	SOCKEYE	184	67					
HS200432-IBC06-118-003	SOCKEYE	193	71					
HS200432-IBC06-118-004	SOCKEYE	195	67					
HS200432-IBC07-118-001	SOCKEYE	218	103					
HS200432-ISEA01-118-001	SOCKEYE	212	94					
HS200432-ISEA01-118-002	SOCKEYE	206	89					
HS200432-ISEA01-118-003	SOCKEYE	208	89					
HS200432-ISEA01-118-004	SOCKEYE	200	83					
HS200432-ISEA02-118-001	SOCKEYE	207	87					
HS200432-ISEA04-118-001	SOCKEYE	205	82					
HS200432-ISEA04-118-002	SOCKEYE	217	101					
HS200432-ISEA04-118-003	SOCKEYE	215	93					
HS200432-ISEA04-118-004	SOCKEYE	204	79					
HS200432-ISEA04-118-005	SOCKEYE	222	111					
HS200432-ISEA04-118-006	SOCKEYE	224	108					
HS200432-ISEA04-118-007	SOCKEYE	206	89					
HS200432-ISEA04-118-008	SOCKEYE	224	111					
HS200432-ISEA04-118-009	SOCKEYE	194	73					
HS200432-ISEA04-118-010	SOCKEYE	195	70					
HS200432-ISEA04-118-011	SOCKEYE	194	78					
HS200432-ISEA04-118-012	SOCKEYE	205	91					
HS200432-ISEA04-118-013	SOCKEYE	209	86					
HS200432-ISEA04-118-014	SOCKEYE	211	97					
HS200432-ISEA04-118-015	SOCKEYE	220	101					
HS200432-ISEA04-118-016	SOCKEYE	213	95					
HS200432-ISEA04-118-017	SOCKEYE	203	81					
HS200432-ISEA04-118-018	SOCKEYE	194	75					
HS200432-ISEA04-118-019	SOCKEYE	194	73					
HS200432-ISEA04-118-020	SOCKEYE	228	118					
HS200432-ISEA04-118-021	SOCKEYE	192	74					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA04-118-022	SOCKEYE	189	69					
HS200432-ISEA04-118-023	SOCKEYE	219	104					
HS200432-ISEA04-118-024	SOCKEYE	212	92					
HS200432-ISEA04-118-025	SOCKEYE	213	79					
HS200432-ISEA05-118-001	SOCKEYE	176	45					
HS200432-ISEA21-118-001	SOCKEYE	231	129					
HS200432-ISEA23-118-001	SOCKEYE	235	140					
HS200432-ISEA30-118-001	SOCKEYE	241	153					
HS200432-ISEA32-118-001	SOCKEYE	201	87					
HS200432-ISEA33-118-001	SOCKEYE	205	91					
HS200432-ISEA37-118-001	SOCKEYE	199	77					
HS200432-ISEA37-118-002	SOCKEYE	203	82					
HS200432-ISEA37-118-003	SOCKEYE	200	76					
HS200432-ISEA37-118-004	SOCKEYE	216	100					
HS200432-ISEA37-118-005	SOCKEYE	208	89					
HS200432-ISEA37-118-006	SOCKEYE	200	79					
HS200432-ISEA37-118-007	SOCKEYE	195	74					
HS200432-ISEA37-118-008	SOCKEYE	204	81					
HS200432-ISEA37-118-009	SOCKEYE	191	65					
HS200432-ISEA37-118-010	SOCKEYE	206	84					
HS200432-ISEA37-118-011	SOCKEYE	201	86					
HS200432-ISEA37-118-012	SOCKEYE	186	59					
HS200432-ISEA37-118-013	SOCKEYE	196	78					
HS200432-ISEA37-118-014	SOCKEYE	197	87					
HS200432-ISEA37-118-015	SOCKEYE	192	74					
HS200432-ISEA37-118-016	SOCKEYE	215	78					
HS200432-ISEA37-118-017	SOCKEYE	218	108					
HS200432-ISEA38-118-001	SOCKEYE	217	106					
HS200432-ISEA38-118-002	SOCKEYE	211	88					
HS200432-ISEA38-118-003	SOCKEYE	209	98					
HS200432-ISEA38-118-004	SOCKEYE	207	88					
HS200432-ISEA38-118-005	SOCKEYE	205	84					
HS200432-ISEA38-118-006	SOCKEYE	216	100					
HS200432-ISEA38-118-007	SOCKEYE	195	75					
HS200432-ISEA38-118-008	SOCKEYE	194	75					
HS200432-ISEA38-118-009	SOCKEYE	194	72					
HS200432-ISEA38-118-010	SOCKEYE	206	82					
HS200432-ISEA38-118-011	SOCKEYE	200	91					
HS200432-ISEA38-118-012	SOCKEYE	208	92					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA38-118-013	SOCKEYE	182	60					
HS200432-ISEA39-118-001	SOCKEYE	204	85					
HS200432-ISEA39-118-002	SOCKEYE	203	83					
HS200432-ISEA39-118-003	SOCKEYE	201	76					
HS200432-ISEA39-118-004	SOCKEYE	197	81					
HS200432-ISEA39-118-005	SOCKEYE	181	53					
HS200432-ISEA39-118-006	SOCKEYE	212	100					
HS200432-ISEA39-118-007	SOCKEYE	187	62					
HS200432-ISEA39-118-008	SOCKEYE	196	75					
HS200432-ISEA39-118-009	SOCKEYE	193	71					
HS200432-ISEA39-118-010	SOCKEYE	212	89					
HS200432-ISEA39-118-011	SOCKEYE	202	81					
HS200432-ISEA39-118-012	SOCKEYE	197	74					
HS200432-ISEA39-118-013	SOCKEYE	196	72					
HS200432-ISEA39-118-014	SOCKEYE	207	91					
HS200432-ISEA39-118-015	SOCKEYE	177	52					
HS200432-ISEA39-118-016	SOCKEYE	204	87					
HS200432-ISEA39-118-017	SOCKEYE	196	74					
HS200432-ISEA40-118-001	SOCKEYE	185	59					
HS200432-ISEA40-118-002	SOCKEYE	185	60					
HS200432-ISEA40-118-003	SOCKEYE	198	73					
HS200432-ISEA40-118-004	SOCKEYE	217	109					
HS200432-ISEA40-118-005	SOCKEYE	190	69					
HS200432-ISEA41-118-001	SOCKEYE	206	85					
HS200432-ISEA41-118-002	SOCKEYE	198	84					
HS200432-ISEA41-118-003	SOCKEYE	190	68					
HS200432-ISEA41-118-004	SOCKEYE	200	81					
HS200432-ISEA41-118-005	SOCKEYE	195	68					
HS200432-ISEA41-118-006	SOCKEYE	193	77					
HS200432-ISEA41-118-007	SOCKEYE	192	71					
HS200432-ISEA41-118-008	SOCKEYE	196	73					
HS200432-ISEA41-118-009	SOCKEYE	195	79					
HS200432-ISEA41-118-010	SOCKEYE	197	80					
HS200432-ISEA41-118-011	SOCKEYE	198	76					
HS200432-ISEA41-118-012	SOCKEYE	212	93					
HS200432-ISEA41-118-013	SOCKEYE	206	87					
HS200432-ISEA41-118-014	SOCKEYE	204	87					
HS200432-ISEA41-118-015	SOCKEYE	205	83					
HS200432-ISEA41-118-016	SOCKEYE	195	75					

Table 3. Biological data collected for each salmon caught on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Fish Number	Species	Fork Length	Whole Body Weight (g wet)	Sex	Stomach Content Weight (g wet)	CWT age	CWT	Fin Clip
HS200432-ISEA41-118-017	SOCKEYE	190	74					
HS200432-ISEA41-118-018	SOCKEYE	203	84					
HS200432-ISEA41-118-019	SOCKEYE	196	72					
HS200432-ISEA41-118-020	SOCKEYE	190	67					
HS200432-ISEA41-118-021	SOCKEYE	195	76					
HS200432-ISEA41-118-022	SOCKEYE	199	81					
HS200432-ISEA43-118-001	SOCKEYE	209	89					
HS200432-ISEA44-118-001	SOCKEYE	221	113					
HS200432-ISEA44-118-002	SOCKEYE	210	91					
HS200432-ISEA44-118-003	SOCKEYE	203	83					
HS200432-ISEA44-118-004	SOCKEYE	201	79					
HS200432-ISEA44-118-005	SOCKEYE	216	98					
HS200432-ISEA44-118-006	SOCKEYE	211	99					
HS200432-ISEA44-118-007	SOCKEYE	209	84					
HS200432-ISEA44-118-008	SOCKEYE	218	105					
HS200432-ISEA44-118-009	SOCKEYE	196	76					
HS200432-ISEA44-118-010	SOCKEYE	213	98					
HS200432-ISEA45-118-001	SOCKEYE	235	130					
HS200432-ISEA45-118-002	SOCKEYE	215	101					
HS200432-ISEA45-118-003	SOCKEYE	208	91					
HS200432-ISEA46-118-001	SOCKEYE	199	80					
HS200432-ISEA47-118-001	SOCKEYE	217	114					
HS200432-ISEA48-118-001	SOCKEYE	225	118					
HS200432-ISEA48-118-002	SOCKEYE	195	72					
HS200432-ISEA48-118-003	SOCKEYE	206	82					
HS200432-ISEA48-118-004	SOCKEYE	204	82					
HS200432-ISEA48-118-005	SOCKEYE	220	108					
HS200432-ISEA50-118-001	SOCKEYE	228	110					
HS200432-T01-118-001	SOCKEYE	171	52					
HS200432-T04-118-001	SOCKEYE	172	48					
HS200432-T04-118-002	SOCKEYE	177	55					
HS200432-T05-118-001	SOCKEYE	160	42					

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-IVI01	BARKLEY SD	IVI	20-Oct-04	14:00	48.969	125.119	90	11.39	27.94	21.52	37.25	2.04	0.4
HS200432-IVI02	BARKLEY SD	IVI	20-Oct-04	15:36	48.919	125.193	97	11.42	28.9	16.29	33.62	1.65	1.54
HS200432-IVI03	BARKLEY SD	IVI	20-Oct-04	17:59	48.856	125.258	91	10.96	29.62	22.63	38.42	2	1.35
HS200432-VI01	LAPEROUSE BK - OFF UCLUELET	VI	20-Oct-04	20:35	48.768	125.406	98	10.12	31.29	25.54	41.65	2.19	1.59
HS200432-VI02	LAPEROUSE BK - OFF UCLUELET	VI	20-Oct-04	22:12	48.676	125.564	194	10.75	32.16	30.86	44.17	2.35	0.17
HS200432-VI03	LAPEROUSE BK - OFF UCLUELET	VI	20-Oct-04	23:58	48.587	125.712	65	10.67	32.08	18.91	33.34	1.64	1.78
HS200432-VI04	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	13:51	49.102	125.997	34	11.47	31.31	13.56	28.66	1.33	4.21
HS200432-VI05	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	15:10	49.048	126.092	56	10.91	31.17	19.5	35.12	1.82	2.53
HS200432-VI06	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	17:04	48.984	126.203	94	11.17	31.12	19.74	35.11	1.8	2.97
HS200432-VI07	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	18:29	48.922	126.299	133	10.99	31.71	13.58	26.95	1.39	1.58
HS200432-VI08	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	20:12	48.865	126.402	169	11.54	32.11	22.43	25.62	1.78	
HS200432-VI09	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	21:37	48.807	126.499	234	11.18	32.18	5.53	13.55	0.81	1.35
HS200432-VI10	LAPEROUSE BK - OFF TOFINO	VI	21-Oct-04	23:08	48.746	126.603	808	12.31	32.18	2.34	9.42	0.6	0.74
HS200432-IVI04	HECATE CH	IVI	22-Oct-04	17:59	49.862	126.743	235	11.16	30.59	17.11	42.04	1.86	1.56
HS200432-IVI05	ESPERANZA INLET	IVI	22-Oct-04	19:38	49.946	126.809	174	11.52	28.41	17.04	39.87	1.85	0.31

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-IVI06	ESPERANZA INLET	IVI	22-Oct-04	20:58	49.883	126.813	215	11.31	29.65	15.36	35.29	1.61	0.94
HS200432-IVI07	ESPINOSA INLET	IVI	22-Oct-04	22:43	49.932	126.928	219	12.73	31.04	12.93	29.64	1.42	1.66
HS200432-IVI08	ESPERANZA INLET	IVI	23-Oct-04	00:30	49.835	126.997	72	11.52	30.3	16.01	32.15	1.64	2.4
HS200432-VI11	OFF ESPERANZA	VI	23-Oct-04	14:04	49.774	127.066	46	10.39	31.19	20.99	36.7	1.85	2.61
HS200432-VI12	OFF ESPERANZA	VI	23-Oct-04	15:23	49.718	127.171	102	10.36	31.2	19.45	34.4	1.77	2.78
HS200432-VI13	OFF ESPERANZA	VI	23-Oct-04	17:00	49.658	127.275	137	10.86	31.63	12.22	24.68	1.29	2.54
HS200432-VI14	OFF ESPERANZA	VI	23-Oct-04	19:08	49.628	127.438	575	10.95	31.86	9.52	20.25	1.07	3.34
HS200432-VI15	OFF ESPERANZA	VI	23-Oct-04	21:33	49.768	127.411	77	10.54	31.26	18.08	33.16	1.76	2.35
HS200432-VI16	OFF KYUQUOT	VI	23-Oct-04	22:44	49.832	127.494	72	10.66	31.39	20.32	36.15	1.9	1.85
HS200432-VI17	OFF KYUQUOT	VI	24-Oct-04	01:07	49.933	127.445	62	10.6	31.62	18.88	34.6	1.74	2.2
HS200432-IVI09	KYUQUOT CH	IVI	24-Oct-04	13:59	50.105	127.119	169	12.42	31.15	13.45	28.59	1.33	1.2
HS200432-IVI10	KYUQUOT CH	IVI	24-Oct-04	15:40	50.096	127.254	105	12.72	30.59	11.71	27.26	1.23	0.88
HS200432-IVI11	KYUQUOT CH	IVI	24-Oct-04	17:20	50.008	127.173	123	11.87	30.84	14.27	29.41	1.5	1.74
HS200432-VI18	OFF KYUQUOT	VI	24-Oct-04	19:17	49.934	127.303	67	10.7	31.4	15.6	30.12	1.48	2.98
HS200432-VI19	OFF KYUQUOT	VI	24-Oct-04	20:34	49.951	127.440	57	10.5	31.57	17.8	34.07	1.81	

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-IVI12	QUATSINO SD	IVI	25-Oct-04	13:59	50.398	127.487	118	11.33	31.04	21.04	34.77	1.6	0.18
HS200432-IVI13	QUATSINO SD	IVI	25-Oct-04	15:24	50.444	127.520	185	10.7	30.16	20.7	37.04	1.77	
HS200432-IVI14	QUATSINO SD	IVI	25-Oct-04	17:10	50.527	127.660	105	10.3	30.4	21.26	37.99	1.84	0.3
HS200432-IVI15	QUATSINO SD	IVI	25-Oct-04	19:03	50.485	127.780	125	10.18	30.16	20.54	36.9	1.78	0.21
HS200432-IVI16	QUATSINO SD	IVI	25-Oct-04	20:28	50.471	127.878	155	10.33	29.94	17.09	32.33	1.62	
HS200432-VI20	OFF QUATSINO SD	VI	25-Oct-04	23:09	50.403	128.045	77	10.69	31.36	15.49	28.85	1.57	1.78
HS200432-VI21	OFF QUATSINO SD	VI	26-Oct-04	01:16	50.447	128.250	125	10.9	31.59	10.86	21.17	1.16	1.47
HS200432-T01	TRIANGLE ISLAND	QCSD	26-Oct-04	13:51	51.277	128.332	75	9.68	32.04	18.49	34.68	1.7	0.97
HS200432-T02	TRIANGLE ISLAND	QCSD	26-Oct-04	15:22	51.210	128.466	193	10.51	32.03	12.25	22.36	1.26	0.92
HS200432-T03	TRIANGLE ISLAND	QCSD	26-Oct-04	16:56	51.145	128.596	145	10.62	32.05	10.96	20.8	1.19	1.65
HS200432-T04	TRIANGLE ISLAND	QCSD	26-Oct-04	18:51	51.074	128.728	63	10.47	32.14	12.15	24.01	1.26	1.92
HS200432-T05	TRIANGLE ISLAND	QCSD	26-Oct-04	20:18	51.001	128.872	63	10.47	32.18	12.16	22.09	1.27	1.52
HS200432-T06	TRIANGLE ISLAND	QCSD	26-Oct-04	21:39	50.938	128.999	63	10.52	32.26	11.4	20.78	1.2	1.6
HS200432-T07	TRIANGLE ISLAND	VI	26-Oct-04	23:30	50.823	129.226	100	10.6	31.84	14.92	27.57	1.5	0.99
HS200432-T13	TRIANGLE ISLAND	VI	27-Oct-04	13:49	50.299	130.331	2000	12.11	32.04	2.81	4.11	0.63	

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-T12	TRIANGLE ISLAND	VI	27-Oct-04	15:19	50.380	130.165	1000	12.35	32.13	30.15	48.26	2.13	
HS200432-T11	TRIANGLE ISLAND	VI	27-Oct-04	16:39	50.461	129.996	1000	12.42	32.16	2.37	3.87	0.62	0.65
HS200432-T10	TRIANGLE ISLAND	VI	27-Oct-04	17:57	50.539	129.821	1000	11.77	32.2	25.4	36.14	1.91	
HS200432-T09	TRIANGLE ISLAND	VI	27-Oct-04	19:14	50.621	129.653	850	10.95	32.2	7.72	14.73	1.01	1.48
HS200432-T08	TRIANGLE ISLAND	VI	27-Oct-04	20:53	50.701	129.483	850	10.38	31.91	14.28	25.93	1.41	2.67
HS200432-H07	HECATE ST	HS	28-Oct-04	13:52	52.534	130.741	116	10.47	31.87	13.03	25.33	1.27	1.17
HS200432-H06	HECATE ST	HS	28-Oct-04	15:43	52.482	130.482	173	10.3	31.56	12.81	24.01	1.26	
HS200432-H05	HECATE ST	HS	28-Oct-04	17:31	52.429	130.219	326	10.33	31.59	27.62	46.86	2.22	
HS200432-H04	HECATE ST	HS	28-Oct-04	19:19	52.372	129.959	206	9.98	31.28	15.46	29.01	1.41	0.8
HS200432-H03	HECATE ST	HS	28-Oct-04	21:03	52.316	129.696	210	10.22	31.7	14.15	26.01	1.31	0.9
HS200432-H02	HECATE ST	HS	28-Oct-04	22:44	52.261	129.437	184	10.2	31.35	15.19	28.51	1.45	0.97
HS200432-H01	HECATE ST	HS	29-Oct-04	00:33	52.203	129.177	160	10.17	31.8	15.19	28.86	1.47	0.74
HS200432-HS01	HECATE ST	HS	11-Nov-04	16:48	51.999	129.204	175	10.7	33.04	15.59	26.67	1.43	0.55
HS200432-FI01	FORRESTER IS	SEA	12-Nov-04	14:51	54.789	133.055	116	10.28	32.19	14.57	25.35	1.38	0.52
HS200432-FI02	FORRESTER IS	SEA	12-Nov-04	16:32	54.778	133.185	197	10.36	32.38	15.8	28.08	1.45	0.52

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-FI03	FORRESTER IS	SEA	12-Nov-04	18:07	54.762	133.315	112	10.44	32.41	15.07	27	1.44	0.48
HS200432-FI04	FORRESTER IS	SEA	12-Nov-04	20:05	54.752	133.446	147	10.34	32.49	17.03	30.46	1.54	0.44
HS200432-DE06	DIXON ENTRANCE	DE	13-Nov-04	14:56	54.241	132.925	140	11.33	33.13	13.52	21.14	1.32	0.54
HS200432-DE05	DIXON ENTRANCE	DE	13-Nov-04	16:37	54.178	132.756	60	10.36	32.89	17.66	30.93	1.58	0.2
HS200432-DE04	DIXON ENTRANCE	DE	13-Nov-04	18:13	54.135	132.472	58	10.18	32.99	19.59	34.51	1.69	0.16
HS200432-DE03	DIXON ENTRANCE	DE	13-Nov-04	20:01	54.139	132.194	48	10.19	32.84	19.91	35.69	1.72	0.15
HS200432-DE02	DIXON ENTRANCE	DE	13-Nov-04	21:33	54.143	131.968	50	10.15	32.46	17.49	30.55	1.59	0.06
HS200432-DE01	DIXON ENTRANCE	DE	14-Nov-04	00:10	54.274	131.639	132	10.37	32.57	29.95	54.61	2.32	0.21
HS200432-IBC01	PORTLAND INLET	IBC	14-Nov-04	15:21	55.021	130.022	184	8.83	30.27	25.6	47.04	2.11	0.06
HS200432-IBC02	PORTLAND INLET	IBC	14-Nov-04	17:02	54.878	130.183	414	9.44	31.06	21.07	38.63	1.76	0.14
HS200432-IBC03	PORTLAND INLET	IBC	14-Nov-04	18:36	54.794	130.286	435	9.6	30.9	20.31	36.96	1.72	0.18
HS200432-IBC04	PORTLAND INLET	IBC	14-Nov-04	20:14	54.736	130.417	520	10.05	30.64	33.16	58.04	2.57	0.03
HS200432-IBC05	MAIN PASSAGE	IBC	14-Nov-04	22:07	54.677	130.584	201	10.21	31.13	18.76	34.57	1.64	0.17
HS200432-IBC06	MAIN PASSAGE	IBC	14-Nov-04	23:35	54.683	130.756	280	10.01	31.26	18.45	34.33	1.64	
HS200432-IBC07	MAIN PASSAGE	IBC	15-Nov-04	01:51	54.701	131.053	190	9.95	30.95	18.26	33.49	1.61	0.27

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-ISEA01	STIKENE ST	ISEA	15-Nov-04	14:54	56.462	132.473	164	9.35	29.6	20.31	39.95	1.68	0.28
HS200432-ISEA02	SUMNER ST	ISEA	15-Nov-04	16:54	56.522	132.650	62	9.09	29.13	21.38	42.48	1.68	0.25
HS200432-ISEA03	SUMNER ST	ISEA	15-Nov-04	18:09	56.480	132.757	137	9.05	29.25	21.45	41.26	1.78	0.24
HS200432-ISEA04	SUMNER ST	ISEA	15-Nov-04	20:01	56.496	132.895	149	9.22	30.46	22.33	43.54	1.78	0.23
HS200432-ISEA05	SUMNER ST	ISEA	15-Nov-04	22:20	56.369	133.270	257	8.99	32.21	26.32	47.37	2.1	0.17
HS200432-ISEA06	SUMNER ST	ISEA	15-Nov-04	23:40	56.371	133.400	362	8.97	32.34	26.51	47.61	2.08	0.14
HS200432-ISEA07	SUMNER ST	ISEA	16-Nov-04	01:55	56.412	133.729	202	8.97	32.26	25.86	47.13	2.04	0.15
HS200432-ISEA08	FREDERICK SD	ISEA	16-Nov-04	14:48	56.979	134.285	330	9.12	32.06	26.77	50.96	2.24	
HS200432-ISEA09	FREDERICK SD	ISEA	16-Nov-04	16:37	57.078	134.096	360	8.15	31.65	27.43	50.6	2.09	0.33
HS200432-ISEA10	FREDERICK SD	ISEA	16-Nov-04	18:21	57.159	133.883	147	8.21	31.75	26.77	49.64	2.14	0.34
HS200432-ISEA11	FREDERICK SD	ISEA	16-Nov-04	20:10	57.149	133.580	190	8.39	31.93	27.6	51.32	2.11	0.28
HS200432-ISEA12	FREDERICK SD	ISEA	16-Nov-04	21:56	57.090	133.338	177	8.53	31.76	27.96	52.37	2.12	0.19
HS200432-ISEA13	FREDERICK SD	ISEA	16-Nov-04	23:34	57.050	133.098	165	8.42	31.56	27.67	52.21	2.1	0.18
HS200432-ISEA14	FREDERICK SD	ISEA	17-Nov-04	01:46	56.858	132.881	188	8.07	31.31	27.88	52.41	2.13	0.12
HS200432-ISEA15	CHATHAM ST	ISEA	17-Nov-04	14:47	57.066	134.696	655	9.1	32.2	22.71	42.73	1.85	0.28

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-ISEA16	CHATHAM ST	ISEA	17-Nov-04	16:58	57.285	134.755	667	8.37	31.41	25.35	47.71	1.99	0.3
HS200432-ISEA17	CHATHAM ST	ISEA	17-Nov-04	19:05	57.469	134.755	295	8.29	31.5	26.35	47.92	1.97	0.34
HS200432-ISEA18	CHATHAM ST	ISEA	17-Nov-04	21:16	57.604	134.801	324	8.09	31.12	21.99	40.37	1.8	0.34
HS200432-ISEA19	CHATHAM ST	ISEA	17-Nov-04	22:51	57.749	134.844	536	7.84	30.7	26.08	47.72	1.9	0.42
HS200432-ISEA20	CHATHAM ST	ISEA	18-Nov-04	00:32	57.903	134.882	380	7.89	30.8	26.24	46.96	1.91	0.35
HS200432-ISEA21	ICY ST	ISEA	18-Nov-04	14:47	58.215	135.498	93	7.73	31.58	26.89	47.17	2.03	0.29
HS200432-ISEA22	ICY ST	ISEA	18-Nov-04	16:25	58.268	135.732	125	7.75	31.5	27.18	48.1	2.04	0.28
HS200432-ISEA23	ICY ST	ISEA	18-Nov-04	17:44	58.373	135.760	40	7.48	30.96	26.47	48.14	2.05	0.35
HS200432-ISEA24	ICY ST	ISEA	18-Nov-04	19:15	58.274	135.873	74	7.79	31.7	27.31	48.83	2.09	0.25
HS200432-ISEA25	ICY ST	ISEA	18-Nov-04	20:47	58.241	136.017	81	7.8	31.63	26.26	46.15	2.03	0.29
HS200432-ISEA26	ICY ST	ISEA	18-Nov-04	22:31	58.302	136.324	256	7.85	31.57	26.94	46.84	2	0.28
HS200432-ISEA27	ICY ST	ISEA	18-Nov-04	23:57	58.320	136.154	150	8.01	31.83	26.71	45.12	1.99	0.28
HS200432-ISEA28	ICY ST	ISEA	19-Nov-04	01:52	58.302	135.805	103	7.75	31.45	27.21	46.8	2.01	0.29
HS200432-ISEA29	CHATHAM ST	ISEA	19-Nov-04	14:48	56.974	134.497	137	9.34	32.25	21.67	39.4	1.76	0.21
HS200432-ISEA30	CHATHAM ST	ISEA	19-Nov-04	16:49	56.844	134.573	694	9.33	32.23	21.89	39.14	1.76	0.29

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-ISEA31	CHATHAM ST	ISEA	19-Nov-04	18:38	56.775	134.460	420	9.36	32.21	21.63	39.73	1.77	0.32
HS200432-ISEA32	CHATHAM ST	ISEA	19-Nov-04	20:13	56.686	134.576	678	9.15	32.27	23.92	43.45	1.89	0.22
HS200432-ISEA33	CHATHAM ST	ISEA	19-Nov-04	21:54	56.624	134.408	450	9.31	32.16	20.33	36.79	1.74	0.41
HS200432-ISEA34	CHATHAM ST	ISEA	19-Nov-04	23:30	56.552	134.571	521	9.45	32.3	21.74	36.76	1.75	0.39
HS200432-ISEA35	CHATHAM ST	ISEA	20-Nov-04	01:32	56.376	134.559	633	9.45	32.25	22.2	38.44	1.76	0.26
HS200432-ISEA36	CHATHAM ST	ISEA	20-Nov-04	14:47	56.061	134.040	65	9.01	31.95	25.15	43.48	1.91	0.25
HS200432-ISEA37	SUMNER ST	ISEA	20-Nov-04	16:21	56.100	133.860	228	8.87	32.18	28.77	46.96	2.15	0.07
HS200432-ISEA38	SUMNER ST	ISEA	20-Nov-04	17:55	56.153	133.730	303	9.17	32.14	24.18	42.25	1.87	0.29
HS200432-ISEA39	SUMNER ST	ISEA	20-Nov-04	19:19	56.230	133.767	372	8.91	32.09	25.83	44.86	1.98	0.18
HS200432-ISEA40	SUMNER ST	ISEA	20-Nov-04	21:04	56.275	133.820	238	8.96	31.71	25.76	46.89	2.01	0.19
HS200432-ISEA41	SUMNER ST	ISEA	20-Nov-04	22:54	56.290	133.721	196	8.93	32.13	24.87	43.99	1.93	0.31
HS200432-ISEA42	SUMNER ST	ISEA	21-Nov-04	00:30	56.378	133.616	215	9.09	31.58	24.46	44.69	2.13	0.18
HS200432-ISEA43	STIKENE ST	ISEA	21-Nov-04	14:58	56.348	132.581	328	9.79	30.59	19.76	35.19	1.6	0.22
HS200432-ISEA44	STIKENE ST	ISEA	21-Nov-04	16:27	56.267	132.636	315	9.72	30.44	19.59	35.04	1.56	0.24
HS200432-ISEA45	CLARENCE ST	ISEA	21-Nov-04	18:01	56.221	132.789	144	9.84	30.66	19.49	35.14	1.58	0.14

Table 4. Physical oceanographic data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station	Region	Date UTC	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)	NO3 umoles/L	Si umoles/L	PO4 umoles/L	Chl A ug/L
HS200432-ISEA46	CLARENCE ST	ISEA	21-Nov-04	19:17	56.157	132.756	318	9.75	30.45	18.9	34.4	1.54	0.24
HS200432-ISEA47	CLARENCE ST	ISEA	21-Nov-04	21:16	56.070	132.795	331	9.67	30.38	18.8	34.49	1.56	0.25
HS200432-ISEA48	CLARENCE ST	ISEA	21-Nov-04	22:55	55.993	132.637	158	9.66	30.29	18.4	34.21	1.54	0.31
HS200432-ISEA49	CLARENCE ST	ISEA	22-Nov-04	00:07	55.946	132.552	417	9.63	30.28	18.57	33.83	1.56	0.28
HS200432-ISEA50	CLARENCE ST	ISEA	22-Nov-04	01:47	55.823	132.462	409	9.67	30.47	18.93	34.4	1.61	0.27

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	Plankton Weights by Size Faction (g dry / 1000 cu m) 8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-IVI01	BARKLEY SD	IVI	48.965	125.119	20-Oct-04	07:20	80	00:05		36.4	0	1.2	0.37	3.2	4.78
HS200432-IVI02	BARKLEY SD	IVI	48.918	125.196	20-Oct-04	08:49	88	00:05		46.4	0	0.52	0.49	2.45	3.46
HS200432-IVI03	BARKLEY SD	IVI	48.856	125.256	20-Oct-04	11:08	76	00:05		39.8	0	0.76	0.41	3.73	4.91
HS200432-VI01	LAPEROUSE BK - OFF UCLUELET	VI	48.767	125.407	20-Oct-04	13:45	86	00:05		42.6	0	0.03	0.14	1.17	1.35
HS200432-VI02	LAPEROUSE BK - OFF UCLUELET	VI	48.675	125.563	20-Oct-04	15:25	150	00:08		75.9	0	0.77	0.39	1.05	2.23
HS200432-VI03	LAPEROUSE BK - OFF UCLUELET	VI	48.578	125.723	20-Oct-04	17:35	57	00:04		17	0	0.17	0.89	1.24	2.31
HS200432-VI04	LAPEROUSE BK - OFF TOFINO	VI	49.101	125.996	21-Oct-04	07:00	25	00:03		11	0	0.13	0.27	2.61	3.02
HS200432-VI05	LAPEROUSE BK - OFF TOFINO	VI	49.049	126.090	21-Oct-04	08:18	46	00:04		28.4	0	0	0.42	4.37	4.79
HS200432-VI06	LAPEROUSE BK - OFF TOFINO	VI	48.985	126.204	21-Oct-04	10:12	81	00:06		35	0	0.25	0.34	1.6	2.2
HS200432-VI07	LAPEROUSE BK - OFF TOFINO	VI	48.921	126.294	21-Oct-04	11:52	119	00:06		38.4	0	0.19	0.31	0.78	1.3
HS200432-VI08	LAPEROUSE BK - OFF TOFINO	VI	48.864	126.400	21-Oct-04	13:22	150	00:07		82.3	1.23	0.34	0.11	0.42	2.11
HS200432-VI09	LAPEROUSE BK - OFF TOFINO	VI	48.807	126.498	21-Oct-04	14:50	150	00:06		64.7	0	0.58	0.09	0.49	1.17

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	Plankton Weights by Size Faction (g dry / 1000 cu m) 8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-VI10	LAPEROUSE BK - OFF TOFINO	VI	48.746	126.599	21-Oct-04	16:33	150	00:07		62.3	19.95	5.89	1.65	1.5	29.01
HS200432-IVI04	HECATE CH	IVI	49.862	126.744	22-Oct-04	11:15	150	00:06		39.4	0	4.88	2.19	4.18	11.25
HS200432-IVI05	ESPERANZA INLET	IVI	49.944	126.807	22-Oct-04	12:48	150	00:05		30.8	0	1.08	0.78	2.01	3.88
HS200432-IVI06	ESPERANZA INLET	IVI	49.882	126.812	22-Oct-04	14:10	150	00:06		43	0	0.8	0.52	1.76	3.09
HS200432-IVI07	ESPINOSA INLET	IVI	49.931	126.925	22-Oct-04	15:55	150	00:06		77.2	0	1.02	0.43	1.19	2.65
HS200432-IVI08	ESPERANZA INLET	IVI	49.834	126.996	22-Oct-04	17:37	58	00:03		22.9	0	0	0.33	5.15	5.48
HS200432-VI11	OFF ESPERANZA	VI	49.774	127.064	23-Oct-04	07:11	35	00:03		21.8	0	0	0	2.15	2.15
HS200432-VI12	OFF ESPERANZA	VI	49.720	127.171	23-Oct-04	08:33	87	00:07		74.7	0.04	0.12	0.28	1.21	1.66
HS200432-VI13	OFF ESPERANZA	VI	49.660	127.277	23-Oct-04	10:13	120	00:09		83.7	0.3	0.76	0.16	1.19	2.42
HS200432-VI14	OFF ESPERANZA	VI	49.629	127.438	23-Oct-04	12:21	150	00:10		76.7	0	0.63	0.15	0.59	1.38
HS200432-VI15	OFF ESPERANZA	VI	49.769	127.413	23-Oct-04	14:41	67	00:04		39.2	0	0.15	0.11	1.43	1.7
HS200432-VI16	OFF KYUQUOT	VI	49.834	127.495	23-Oct-04	15:51	65	00:03		32.3	0	0	0.09	1.31	1.4

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

											Plankton Weights by Size Faction (g dry / 1000 cu m)				
Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-VI17	OFF KYUQUOT	VI	49.930	127.442	23-Oct-04	17:55	50	00:04		26.4	0	0.11	0	2.06	2.17
HS200432-IVI09	KYUQUOT CH	IVI	50.104	127.119	24-Oct-04	07:10	150	00:07		76.2	0.35	15.68	1.61	1.35	19
HS200432-IVI10	KYUQUOT CH	IVI	50.095	127.255	24-Oct-04	08:48	105	00:05		55.2	0	0.65	0.13	0.49	1.29
HS200432-IVI11	KYUQUOT CH	IVI	50.008	127.174	24-Oct-04	10:30	112	00:05		59.7	0	0.68	0.6	2.48	3.78
HS200432-VI18	OFF KYUQUOT	VI	49.934	127.302	24-Oct-04	12:24	55	00:03		19.4	0	0	0.07	3.19	3.27
HS200432-VI19	OFF KYUQUOT	VI	49.953	127.439	24-Oct-04	13:41	47	00:02		25.4	0	0	0.05	5.78	5.84
HS200432-IVI12	QUATSINO SD	IVI	50.400	127.486	25-Oct-04	07:08	105	00:05		32	0	28.52	1.41	2.5	32.45
HS200432-IVI13	QUATSINO SD	IVI	50.442	127.518	25-Oct-04	08:36	150	00:07		39.9	0	26.15	2.58	3.53	32.26
HS200432-IVI14	QUATSINO SD	IVI	50.528	127.661	25-Oct-04	10:19	108	00:05		28.9	0	3.4	0.68	3.35	7.43
HS200432-IVI15	QUATSINO SD	IVI	50.483	127.780	25-Oct-04	12:12	105	00:05		27.1	0	1	0.16	2.01	3.18
HS200432-IVI16	QUATSINO SD	IVI	50.469	127.878	25-Oct-04	13:38	149	00:06		80.8	0	5.53	0.5	2.77	8.82
HS200432-VI20	OFF QUATSINO SD	VI	50.402	128.047	25-Oct-04	16:16	68	00:05		46.9	0.09	0.22	0.12	1.32	1.77

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	Plankton Weights by Size Faction (g dry / 1000 cu m)				
											8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-T01	TRIANGLE ISLAND	QCSD	51.279	128.333	26-Oct-04	06:58	65	00:04		41.4	0	0.03	0.14	1.64	1.82
HS200432-T02	TRIANGLE ISLAND	QCSD	51.210	128.469	26-Oct-04	08:33	150	00:08		86.3	0	1.72	0.05	0.24	2.01
HS200432-T03	TRIANGLE ISLAND	QCSD	51.144	128.597	26-Oct-04	10:06	130	00:07		68.5	0.59	0	0.04	0.68	1.32
HS200432-T04	TRIANGLE ISLAND	QCSD	51.072	128.726	26-Oct-04	11:57	53	00:03		20.9	0	0.14	0.29	1.08	1.52
HS200432-T05	TRIANGLE ISLAND	QCSD	50.999	128.876	26-Oct-04	13:25	52	00:03		24.9	0.12	0.06	0	0.91	1.09
HS200432-T06	TRIANGLE ISLAND	QCSD	50.937	129.003	26-Oct-04	14:46	50	00:04		27.7	0	0	0	1.09	1.09
HS200432-T07	TRIANGLE ISLAND	VI	50.822	129.230	26-Oct-04	16:39	94	00:05		77.8	0	0.01	0.01	0.66	0.7
HS200432-T13	TRIANGLE ISLAND	VI	50.296	130.325	27-Oct-04	07:17	150	00:09		80.2	2.66	1.11	0.34	0.24	4.36
HS200432-T12	TRIANGLE ISLAND	VI	50.379	130.164	27-Oct-04	08:33	150	00:08		74.6	0.26	1.05	0.32	0.34	1.99
HS200432-T11	TRIANGLE ISLAND	VI	50.460	129.996	27-Oct-04	09:53	150	00:07		71.1	0.89	0.63	0.44	0.27	2.26
HS200432-T10	TRIANGLE ISLAND	VI	50.535	129.819	27-Oct-04	11:11	150	00:09		67.1	0.04	0.9	0.49	0.29	1.73
HS200432-T09	TRIANGLE ISLAND	VI	50.622	129.651	27-Oct-04	12:27	150	00:07		79.9	0.72	0.28	0.03	0.22	1.27

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	Plankton Weights by Size Faction (g dry / 1000 cu m)				
											8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-T08	TRIANGLE ISLAND	VI	50.701	129.483	27-Oct-04	14:06	150	00:07		61.5	0	0.14	0.19	0.61	0.96
HS200432-H07	HECATE ST	HS	52.532	130.743	28-Oct-04	07:02	102	00:05		50.4	0	0.72	0.54	0.9	2.16
HS200432-H06	HECATE ST	HS	52.482	130.480	28-Oct-04	08:55	150	00:07		75.6	0	0.62	0.18	0.58	1.38
HS200432-H05	HECATE ST	HS	52.429	130.215	28-Oct-04	10:44	150	00:07		85.5	0	0.39	0.1	0.46	0.95
HS200432-H04	HECATE ST	HS	52.372	129.958	28-Oct-04	12:30	150	00:07		77.9	0	0.21	0	0.15	0.36
HS200432-H03	HECATE ST	HS	52.315	129.694	28-Oct-04	14:14	150	00:06		41.4	0	0.07	0	0.32	0.4
HS200432-H02	HECATE ST	HS	52.260	129.438	28-Oct-04	15:53	150	00:06		36.4	0	0.87	0.24	0.66	1.78
HS200432-H01	HECATE ST	HS	52.202	129.178	28-Oct-04	17:42	150	00:07		64.9	1.26	0.7	0.18	0.44	2.59
HS200432-HS01	HECATE ST	HS	51.998	129.198	11-Nov-04	09:01	150	00:08		52.5	0	0.56	0.28	0.36	1.21
HS200432-FI01	FORRESTER IS	SEA	54.795	133.060	12-Nov-04	07:11	130	00:07		72.5	0	0.39	0.1	0.55	1.04
HS200432-FI02	FORRESTER IS	SEA	54.782	133.185	12-Nov-04	08:46	150	00:09		68.6	0.43	0.06	0	0.28	0.78
HS200432-FI03	FORRESTER IS	SEA	54.763	133.313	12-Nov-04	10:18	90	00:06		52.7	0	0	0.11	0.19	0.31

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	Plankton Weights by Size Faction (g dry / 1000 cu m)				
											8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-FI04	FORRESTER IS	SEA	54.751	133.442	12-Nov-04	12:17	133	00:10		80.3	0	0.07	0.01	0.31	0.4
HS200432-DE06	DIXON ENTRANCE	DE	54.239	132.926	13-Nov-04	07:07	115	00:07		63	0	0.11	0.21	0.56	0.89
HS200432-DE05	DIXON ENTRANCE	DE	54.177	132.752	13-Nov-04	08:44	47	00:03		15.8	0	0.94	0.09	0.28	1.31
HS200432-DE04	DIXON ENTRANCE	DE	54.134	132.464	13-Nov-04	10:21	45	00:03		13.6	0	0.1	0.1	0.65	0.87
HS200432-DE03	DIXON ENTRANCE	DE	54.138	132.191	13-Nov-04	12:08	35	00:02		9.1	0	0.16	0	0.65	0.81
HS200432-DE02	DIXON ENTRANCE	DE	54.140	131.966	13-Nov-04	13:40	37	00:02		11.2	0	0.26	0.92	1.99	3.18
HS200432-IBC01	PORTLAND INLET	IBC	55.018	130.020	14-Nov-04	07:31	150	00:09		76.5	0	1.16	0.36	0.58	2.12
HS200432-IBC02	PORTLAND INLET	IBC	54.876	130.183	14-Nov-04	09:15	150	00:07		41.1	0	2.02	0.28	0.9	3.22
HS200432-IBC03	PORTLAND INLET	IBC	54.797	130.285	14-Nov-04	10:48	150	00:08		83.2	0	1.41	0.17	0.46	2.05
HS200432-IBC04	PORTLAND INLET	IBC	54.740	130.413	14-Nov-04	12:28	150	00:08		49.2	0	2.11	0.18	0.72	3.02
HS200432-IBC05	MAIN PASSAGE	IBC	54.677	130.585	14-Nov-04	14:18	150	00:08		55.9	0	1.3	0.26	0.53	2.1
HS200432-IBC06	MAIN PASSAGE	IBC	54.683	130.763	14-Nov-04	15:51	150	00:09		45	0	1.81	0.46	0.69	2.97

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	Plankton Weights by Size Faction (g dry / 1000 cu m)				
											8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-IBC07	MAIN PASSAGE	IBC	54.700	131.053	14-Nov-04	18:02	150	00:10		59.4	0	1.55	0.4	0.52	2.48
HS200432-ISEA01	STIKENE ST	ISEA	56.461	132.476	15-Nov-04	07:04	150	00:08		38.3	1.66	2.91	3.1	2.32	10.01
HS200432-ISEA02	SUMNER ST	ISEA	56.522	132.653	15-Nov-04	09:01	46	00:03		15.3	0	1.06	0.48	1.06	2.62
HS200432-ISEA03	SUMNER ST	ISEA	56.477	132.756	15-Nov-04	10:19	124	00:07		72.2	0.53	1.56	0.35	0.82	3.27
HS200432-ISEA04	SUMNER ST	ISEA	56.496	132.891	15-Nov-04	12:10	130	00:07		55.2	0.97	1.05	0.56	1.42	4.01
HS200432-ISEA05	SUMNER ST	ISEA	56.368	133.268	15-Nov-04	14:33	150	00:07		36.1	0.7	2.31	1.4	3.01	7.42
HS200432-ISEA06	SUMNER ST	ISEA	56.371	133.403	15-Nov-04	15:53	150	00:10		62	0.31	1.89	1.03	1.8	5.04
HS200432-ISEA07	SUMNER ST	ISEA	56.411	133.739	15-Nov-04	18:03	45	00:04		18.5	0	1.2	0.8	1.93	3.94
HS200432-ISEA08	FREDERICK SD	ISEA	56.976	134.288	16-Nov-04	07:02	150	00:09		42.1	0	1.27	0.31	0.42	2.01
HS200432-ISEA09	FREDERICK SD	ISEA	57.077	134.096	16-Nov-04	08:49	150	00:07		73	0	1.46	0.2	0.67	2.34
HS200432-ISEA10	FREDERICK SD	ISEA	57.158	133.876	16-Nov-04	10:31	117	00:06		52.4	0	0.76	0.11	0.48	1.36
HS200432-ISEA11	FREDERICK SD	ISEA	57.148	133.576	16-Nov-04	12:21	150	00:07		65.4	0	9.86	4.78	2.59	17.23

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

											Plankton Weights by Size Faction (g dry / 1000 cu m)				
Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-ISEA12	FREDERICK SD	ISEA	57.089	133.337	16-Nov-04	14:05	150	00:07		75.4	0.31	5.37	2.78	2.03	10.51
HS200432-ISEA13	FREDERICK SD	ISEA	57.052	133.098	16-Nov-04	15:43	138	00:07		67.7	0.28	10.43	7.61	3.74	22.07
HS200432-ISEA14	FREDERICK SD	ISEA	56.857	132.882	16-Nov-04	17:56	150	00:09		60.8	0	10.97	8.15	5.75	24.88
HS200432-ISEA15	CHATHAM ST	ISEA	57.065	134.693	17-Nov-04	07:00	150	00:08		83.6	0	0.81	0.32	0.49	1.63
HS200432-ISEA16	CHATHAM ST	ISEA	57.286	134.752	17-Nov-04	09:23	150	00:09		36.2	0	0.78	0.94	0.99	2.71
HS200432-ISEA17	CHATHAM ST	ISEA	57.470	134.753	17-Nov-04	11:18	150	00:08		36.4	0	0.65	0.49	0.65	1.8
HS200432-ISEA18	CHATHAM ST	ISEA	57.606	134.797	17-Nov-04	13:29	150	00:07		89.9	0	0.64	0.21	0.14	1.01
HS200432-ISEA19	CHATHAM ST	ISEA	57.750	134.841	17-Nov-04	15:04	150	00:05		73.4	0	0.54	0.54	0.18	1.27
HS200432-ISEA20	CHATHAM ST	ISEA	57.904	134.878	17-Nov-04	16:45	150	00:07		82.2	0	0.86	0.72	0.68	2.28
HS200432-ISEA21	ICY ST	ISEA	58.214	135.497	18-Nov-04	06:57	78	00:04		20.5	0	18.48	0.14	1.3	19.93
HS200432-ISEA22	ICY ST	ISEA	58.268	135.733	18-Nov-04	08:34	117	00:05		29.4	0.75	21.1	0	0.65	22.51
HS200432-ISEA23	ICY ST	ISEA	58.372	135.762	18-Nov-04	09:50	29	00:02		7.8	0	3.97	0	0	3.97

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	Plankton Weights by Size Faction (g dry / 1000 cu m)				
											8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-ISEA24	ICY ST	ISEA	58.272	135.874	18-Nov-04	11:22	62	00:03		17.2	0	0.86	0.34	1.29	2.5
HS200432-ISEA25	ICY ST	ISEA	58.241	136.018	18-Nov-04	12:54	70	00:03		17.6	0	0.08	0	0.76	0.84
HS200432-ISEA26	ICY ST	ISEA	58.302	136.325	18-Nov-04	14:44	150	00:07		52.1	0	1.17	0.08	0.37	1.62
HS200432-ISEA27	ICY ST	ISEA	58.319	136.151	18-Nov-04	16:06	130	00:06		61.6	0	0.24	0.31	0.5	1.06
HS200432-ISEA28	ICY ST	ISEA	58.302	135.806	18-Nov-04	17:59	90	00:04		25.5	0	4.3	0	0.34	4.65
HS200432-ISEA29	CHATHAM ST	ISEA	56.975	134.494	19-Nov-04	06:58	126	00:06		33.4	0	1.33	0	1.29	2.62
HS200432-ISEA30	CHATHAM ST	ISEA	56.845	134.620	19-Nov-04	09:13	150	00:08		52.5	0	0.36	0.17	0.22	0.76
HS200432-ISEA31	CHATHAM ST	ISEA	56.774	134.460	19-Nov-04	10:51	150	00:07		67.4	0.88	0.37	0.19	0.28	1.74
HS200432-ISEA32	CHATHAM ST	ISEA	56.682	134.571	19-Nov-04	12:34	150	00:07		75.9	0	0.45	0.31	0.27	1.04
HS200432-ISEA33	CHATHAM ST	ISEA	56.624	134.405	19-Nov-04	14:06	150	00:08		64.8	0	0.84	0.32	0.66	1.83
HS200432-ISEA34	CHATHAM ST	ISEA	56.554	134.568	19-Nov-04	15:42	150	00:08		59.7	0	0.42	0	0.39	0.82
HS200432-ISEA35	CHATHAM ST	ISEA	56.379	134.560	19-Nov-04	17:45	150	00:08		56.7	0	0.31	0.49	0.49	1.31

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	Plankton Weights by Size Faction (g dry / 1000 cu m) 8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-ISEA36	CHATHAM ST	ISEA	56.060	134.037	20-Nov-04	06:55	45	00:03		12.2	0	1.09	0	1.58	2.68
HS200432-ISEA37	SUMNER ST	ISEA	56.099	133.858	20-Nov-04	08:32	150	00:07		62	1.1	1.05	0.84	1.94	4.95
HS200432-ISEA38	SUMNER ST	ISEA	56.155	133.726	20-Nov-04	10:08	150	00:07		40.4	0	4.86	0.58	0.81	6.26
HS200432-ISEA39	SUMNER ST	ISEA	56.228	133.770	20-Nov-04	11:31	150	00:07		61.5	1.04	1.54	0.89	2.66	6.15
HS200432-ISEA40	SUMNER ST	ISEA	56.272	133.819	20-Nov-04	13:15	150	00:08		43.9	0.74	0.95	0.64	1.22	3.56
HS200432-ISEA41	SUMNER ST	ISEA	56.290	133.718	20-Nov-04	15:04	150	00:07		50	1.46	1.54	0.77	2.11	5.9
HS200432-ISEA42	SUMNER ST	ISEA	56.379	133.614	20-Nov-04	16:40	150	00:08		78.9	0.73	0.67	0.54	0.77	2.73
HS200432-ISEA43	STIKENE ST	ISEA	56.348	132.581	21-Nov-04	07:10	150	00:07		38.3	0	3.06	0.77	1.51	5.35
HS200432-ISEA44	STIKENE ST	ISEA	56.267	132.631	21-Nov-04	08:39	150	00:07		43.5	0	2.46	0.65	1.33	4.45
HS200432-ISEA45	CLARENCE ST	ISEA	56.221	132.788	21-Nov-04	10:10	130	00:06		33.2	0	2.73	0.4	0.85	3.98
HS200432-ISEA46	CLARENCE ST	ISEA	56.158	132.753	21-Nov-04	11:55	150	00:07		38.2	0	1.47	0.5	0.77	2.78
HS200432-ISEA47	CLARENCE ST	ISEA	56.070	132.798	21-Nov-04	13:28	150	00:07		93.4	0	1.37	0.46	0.71	2.55

Table 5. Zooplankton data from bongo tows collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

											Plankton Weights by Size Faction (g dry / 1000 cu m)				
Station ID	Station Name	Region	Latitude (°N)	Longitude (°W)	Date	Time	Target Depth	Tow Duration	Wire Angle (°)	Volume Sieved (cu m)	8.0mm	1.7mm	1.0mm	0.25mm	Total
HS200432-ISEA48	CLARENCE ST	ISEA	55.992	132.639	21-Nov-04	15:04	150	00:06		69.5	0	1.22	0.53	0.66	2.42
HS200432-ISEA49	CLARENCE ST	ISEA	55.947	132.554	21-Nov-04	16:19	150	00:07		41.9	0	0.81	0.53	0.71	2.06
HS200432-ISEA50	CLARENCE ST	ISEA	55.820	132.460	21-Nov-04	17:59	150	00:08		38.7	0	2.22	0.42	0.69	3.34

Table 6. Coded Wire Tag (CWT) data collected on the CCGS W.E. RICKER survey to the Gulf of Alaska, 20/10/2004 - 21/11/2004.

CWT	Fish Number	Species	Recovery	Recovery Region	Recovery Fork Length	Release Area	Release Agency	Hatchery	Brood Year	Date of First	Date of Last Release	Age
T184420	HS200432-DE01-124-001	CHINOOK	13-Nov-04	DE	304	NASK	CDFO	H-TERRACE	2002	28-Apr-04	29-Apr-04	1.0
T630682	HS200432-DE01-124-025	CHINOOK	13-Nov-04	DE	430	LOCR	WDFW	LEWIS RIVER HATCHERY	2002	15-Feb-04	17-Feb-04	1.0
T185407	HS200432-IBC06-124-001	CHINOOK	14-Nov-04	IBC	322	NASK	AFSP	H-KINCOLITH R	2002	05-Apr-04	10-Apr-04	1.0
T030129	HS200432-ISEA07-124-019	CHINOOK	15-Nov-04	ISEA	283	SEAK	NMFS	LITTLE PORT WALTER	2002	14-May-04	14-May-04	1.0
T631542	HS200432-ISEA04-124-031	CHINOOK	15-Nov-04	ISEA	380	LOCR	WDFW	GOBAR POND (27)	2002	01-Mar-04	08-Mar-04	1.0
T040893	HS200432-ISEA14-124-001	CHINOOK	16-Nov-04	ISEA	290	SEAK	SSRA	CRYSTAL LK/ANITA BAY	2002	24-May-04	24-May-04	1.0
T030123	HS200432-ISEA24-124-001	CHINOOK	18-Nov-04	ISEA	324	SEAK	NMFS	LITTLE PORT WALTER	2002	14-May-04	14-May-04	1.0
T040891	HS200432-ISEA36-124-003	CHINOOK	20-Nov-04	ISEA	260	SEAK	SSRA	CRYSTAL LAKE	2002	08-Jun-04	08-Jun-04	1.0
T040920	HS200432-ISEA37-124-013	CHINOOK	20-Nov-04	ISEA	296	SEAK	SSRA	WHITMAN LAKE	2002	14-May-04	14-May-04	1.0
T040956	HS200432-ISEA39-124-001	CHINOOK	20-Nov-04	ISEA	262	SEAK	ADFG	WILD	2002	13-May-04	21-May-04	1.0
T040956	HS200432-ISEA37-124-003	CHINOOK	20-Nov-04	ISEA	241	SEAK	ADFG	WILD	2002	13-May-04	21-May-04	1.0
T040894	HS200432-ISEA43-124-002	CHINOOK	21-Nov-04	ISEA	297	SEAK	SSRA	CRYSTAL LK/ANITA BAY	2002	24-May-04	24-May-04	1.0
T185420	HS200432-IVI01-124-005	CHINOOK	20-Oct-04	IVI	151	WCVI	CDFO	H-ROBERTSON CR	2003	21-May-04	28-May-04	0.0
T631980	HS200432-IVI16-124-001	CHINOOK	25-Oct-04	IVI	325	UPCR	WDFW	DRYDEN POND	2002	23-Apr-04	26-Apr-04	1.0
T080252	HS200432-DE06-115-010	COHO	13-Nov-04	DE	332	NASK	CDFR	WILD	2002	01-May-04	01-Jul-04	1.0
T080332	HS200432-DE06-115-019	COHO	13-Nov-04	DE	353	NASK	CDFO	TOBOGGAN CR	2002	27-May-04	28-May-04	1.0
T210524	HS200432-DE06-115-023	COHO	13-Nov-04	DE	341	MPS	COOP	ELLIOTT BAY TRIBAL NP	2002	02-Jun-04	02-Jun-04	1.0
T184148	HS200432-IBC04-115-010	COHO	14-Nov-04	IBC	351	WCVI	CDFO	ROBERTSON CR	2002	12-May-04	14-May-04	1.0
T050268	HS200432-IVI14-115-002	COHO	25-Oct-04	IVI	314	UPCR	YAKA	WILLARD NFH	2002	23-Apr-04		1.0
T051668	HS200432-IVI14-115-001	COHO	25-Oct-04	IVI	319	HOOD	FWS	QUILCENE NFH	2002	30-Apr-04	30-Apr-04	1.0
T631562	HS200432-IVI14-115-003	COHO	25-Oct-04	IVI	344	LOCR	WDFW	LEWIS RIVER HATCHERY	2002	06-Apr-04	10-Apr-04	1.0
T081313	HS200432-FI01-115-017	COHO	12-Nov-04	SEA	323	WCVI	CDFR	WILD	2002	20-Feb-04	18-Jun-04	1.0
T631536	HS200432-FI01-115-015	COHO	12-Nov-04	SEA	329	LOCR	WDFW	LEWIS RIVER HATCHERY	2002	06-Apr-04	06-Apr-04	1.0
T631488	HS200432-VI05-115-001	COHO	21-Oct-04	VI	340	MPS	WDFW	VOIGHTS CR	2002	15-Apr-04	30-Apr-04	1.0

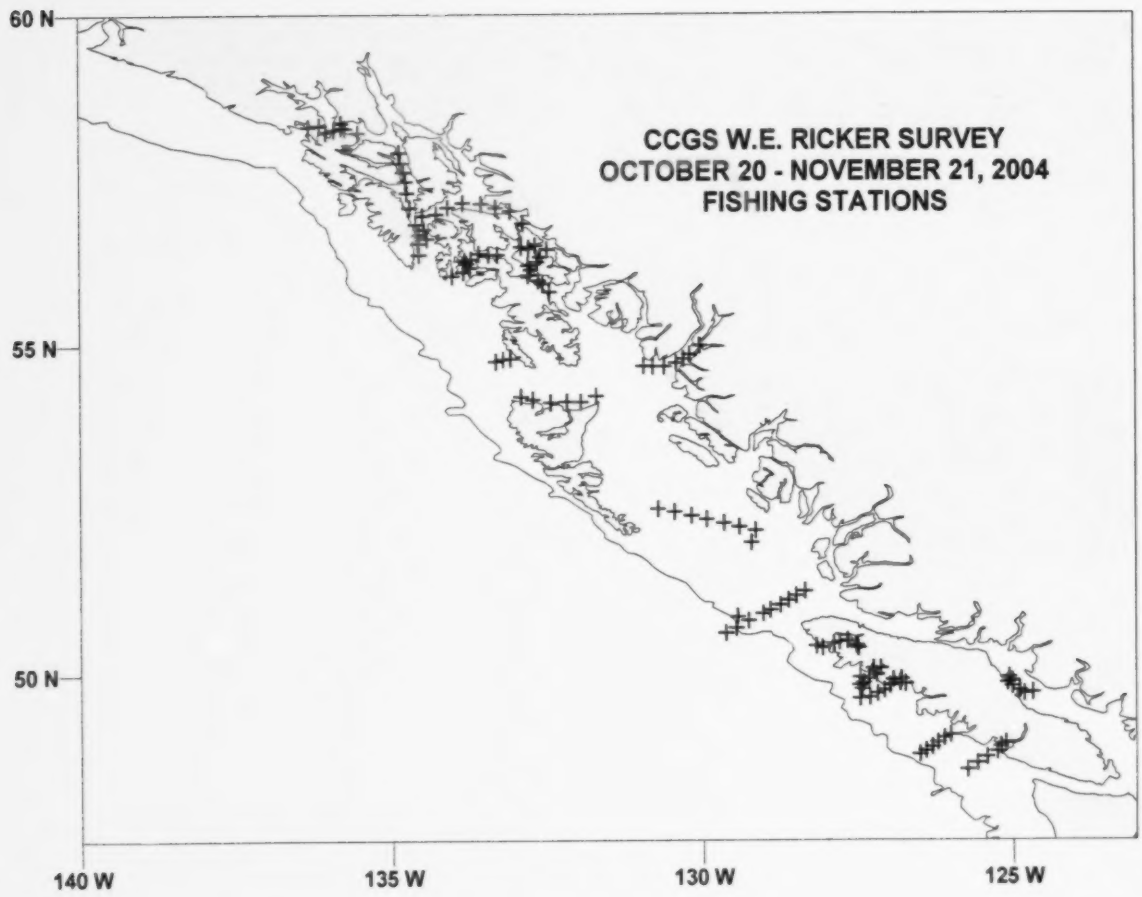

Figure 1. Fishing stations on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004

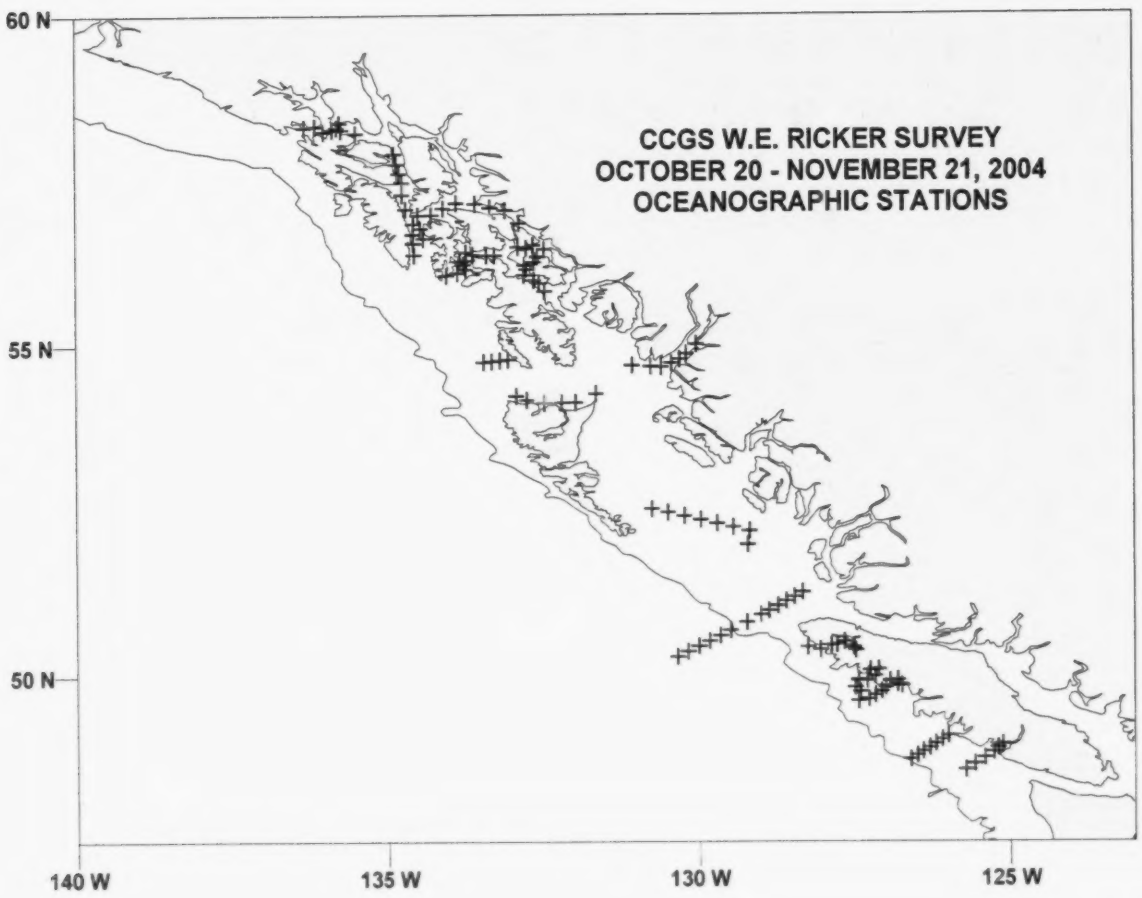

Figure 2. Oceanographic stations on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004.

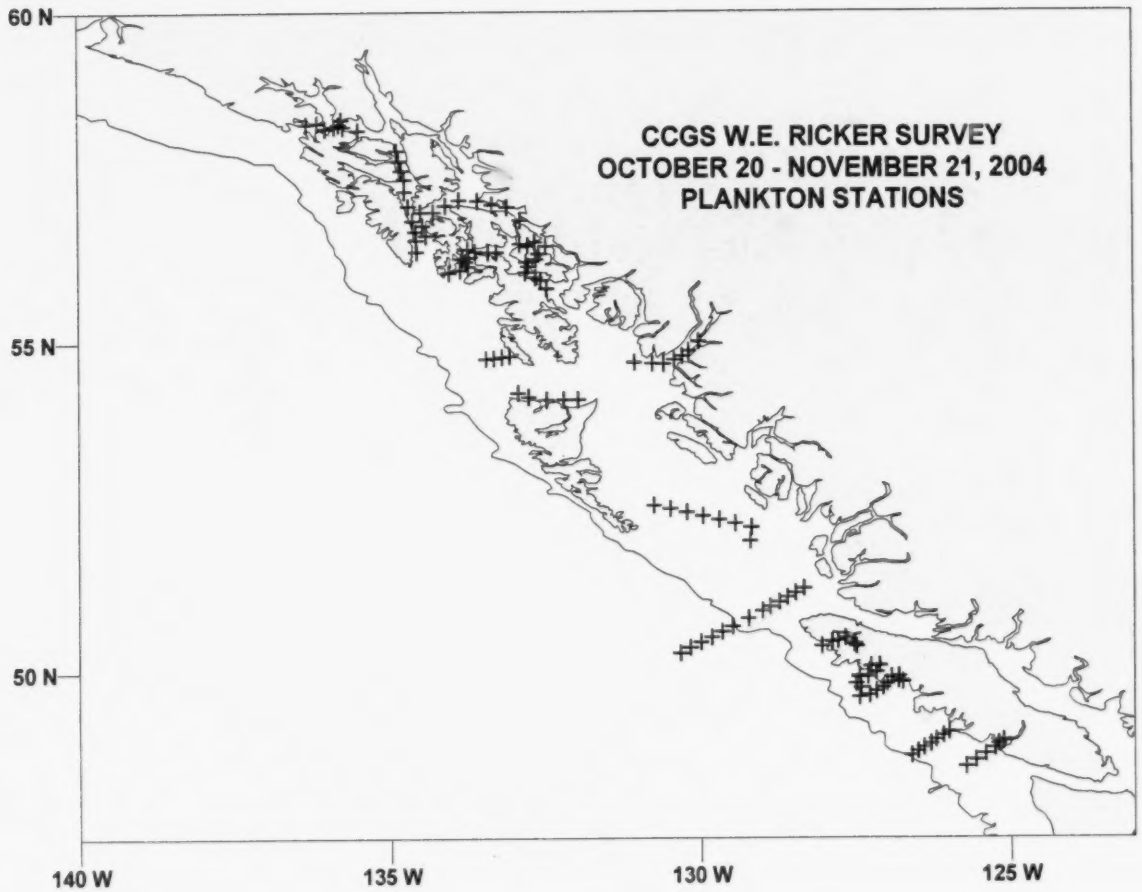

Figure 3. Plankton stations on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004.

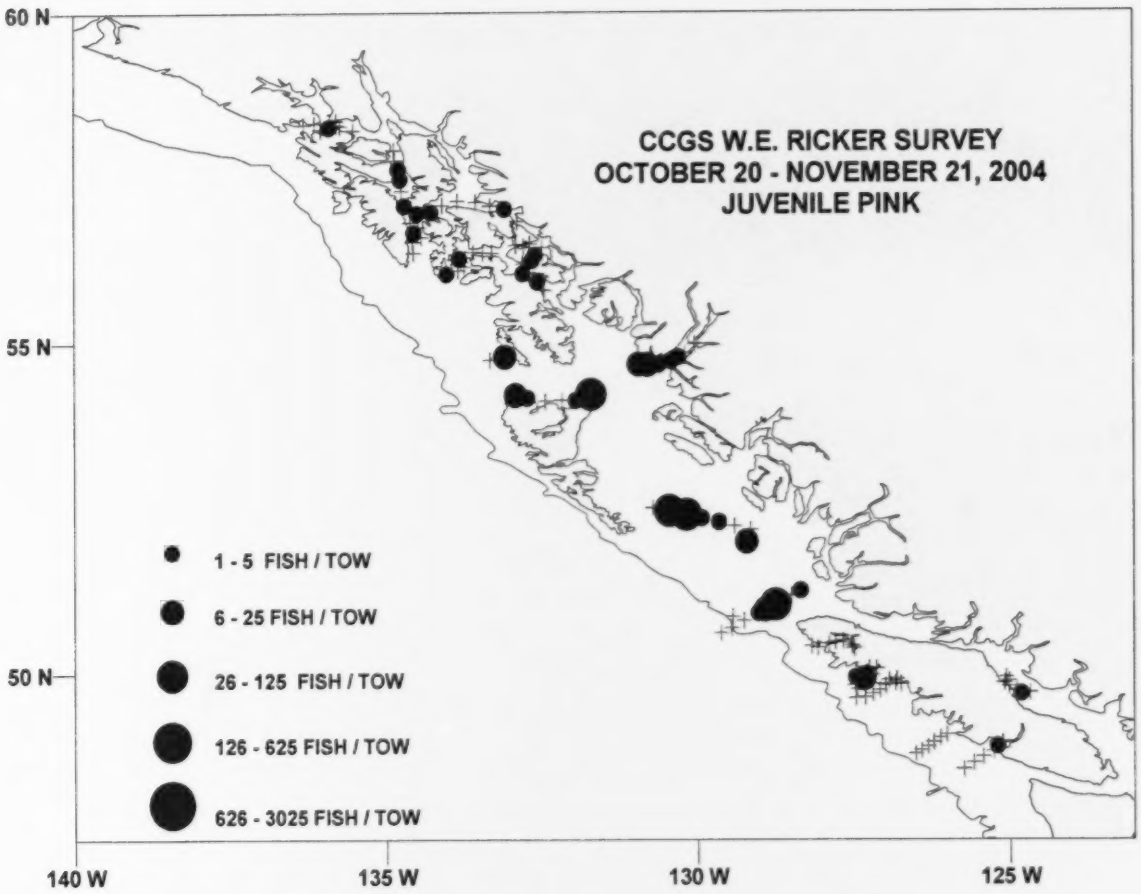

Figure 4. Distribution of age 0.0 juvenile pink salmon catches. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

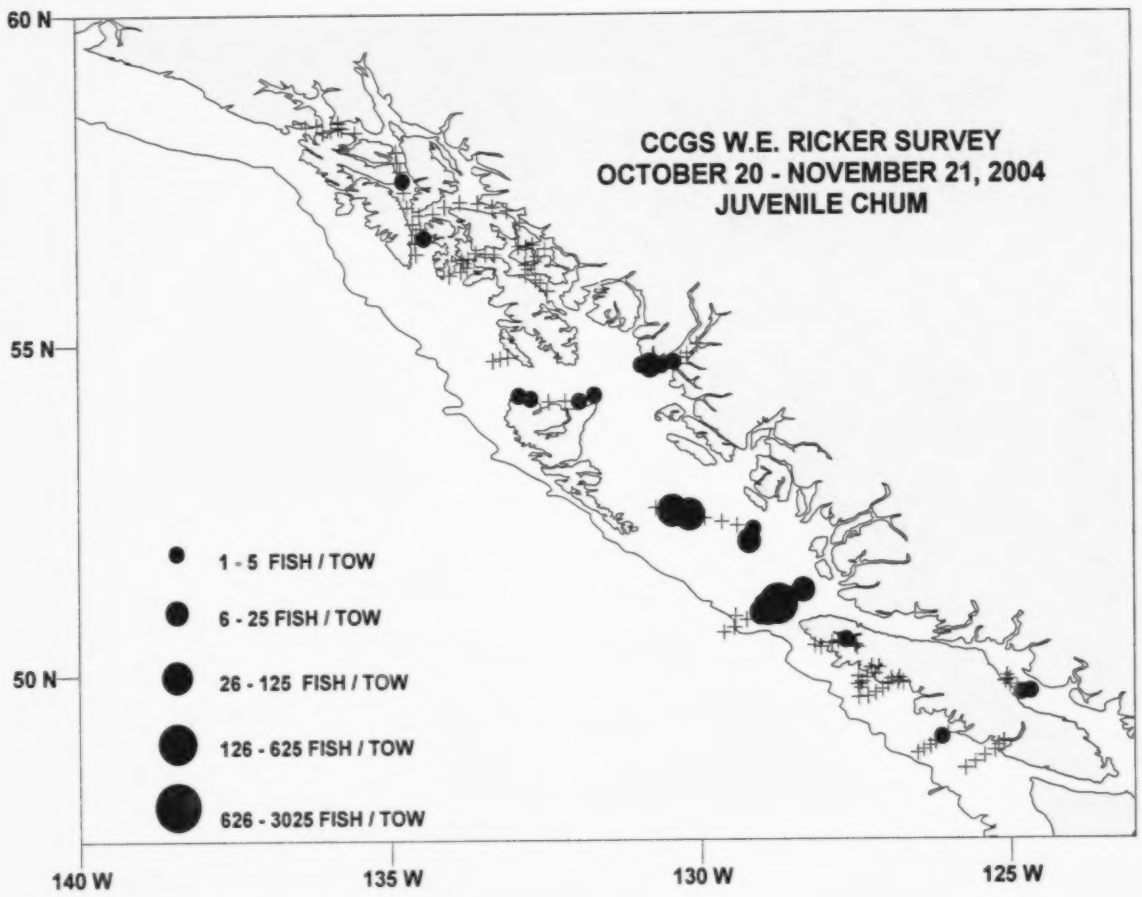

Figure 5. Distribution of age 0.0 juvenile chum salmon catches. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+)

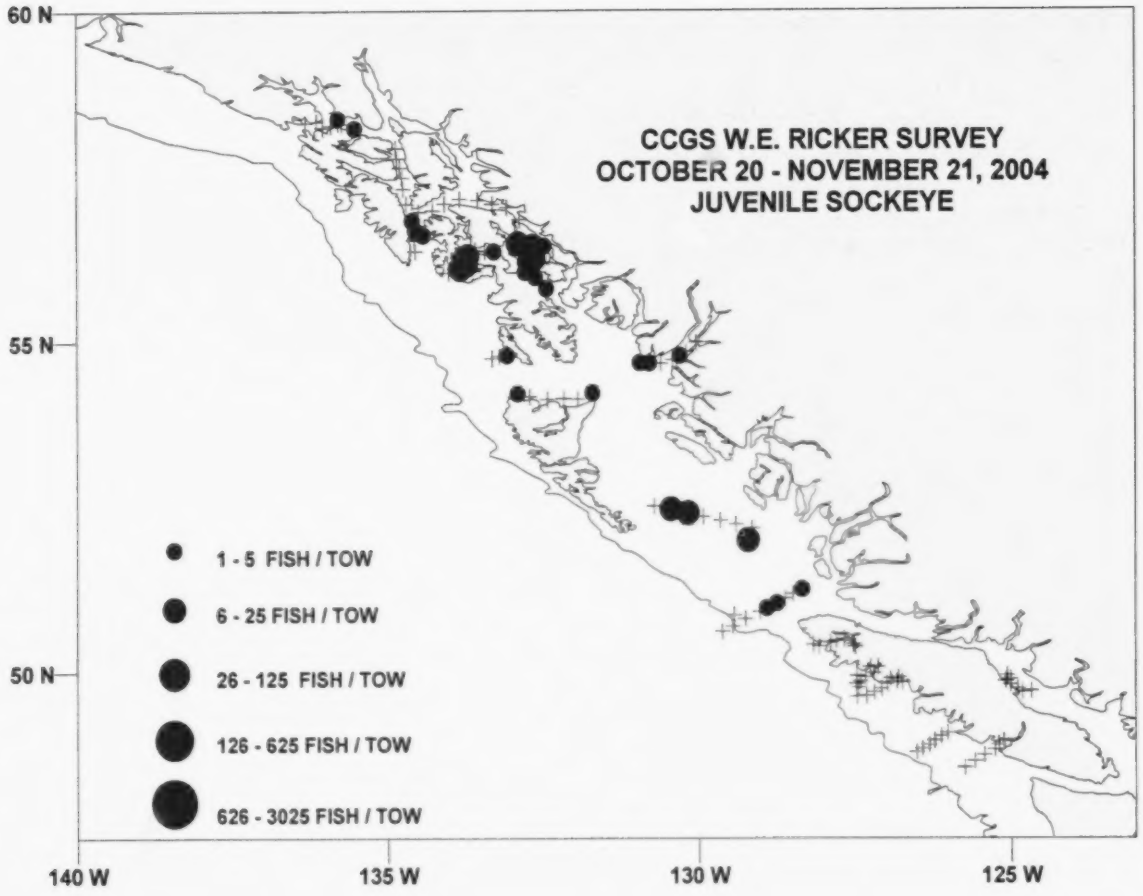

Figure 6. Distribution of age X.0 juvenile sockeye salmon catches. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

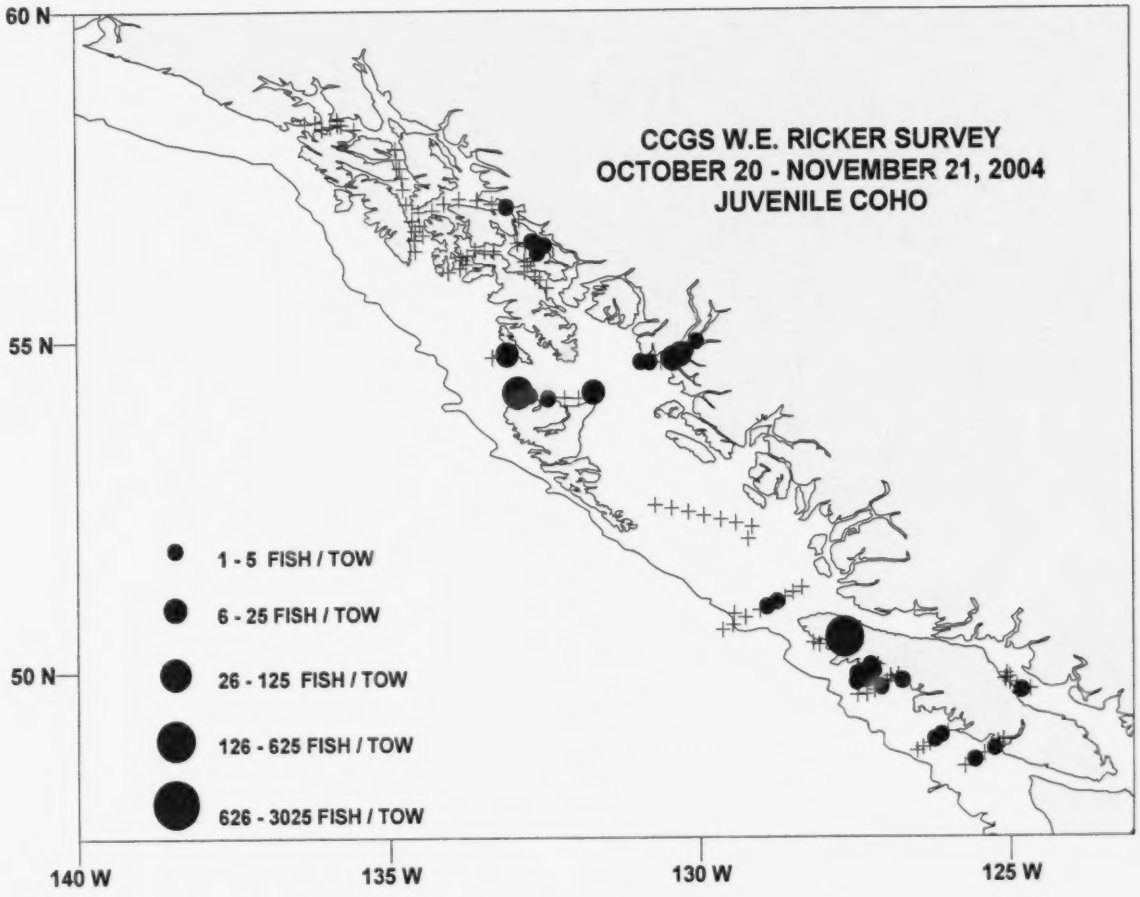

Figure 7. Distribution of age 1.0 juvenile coho salmon catches. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

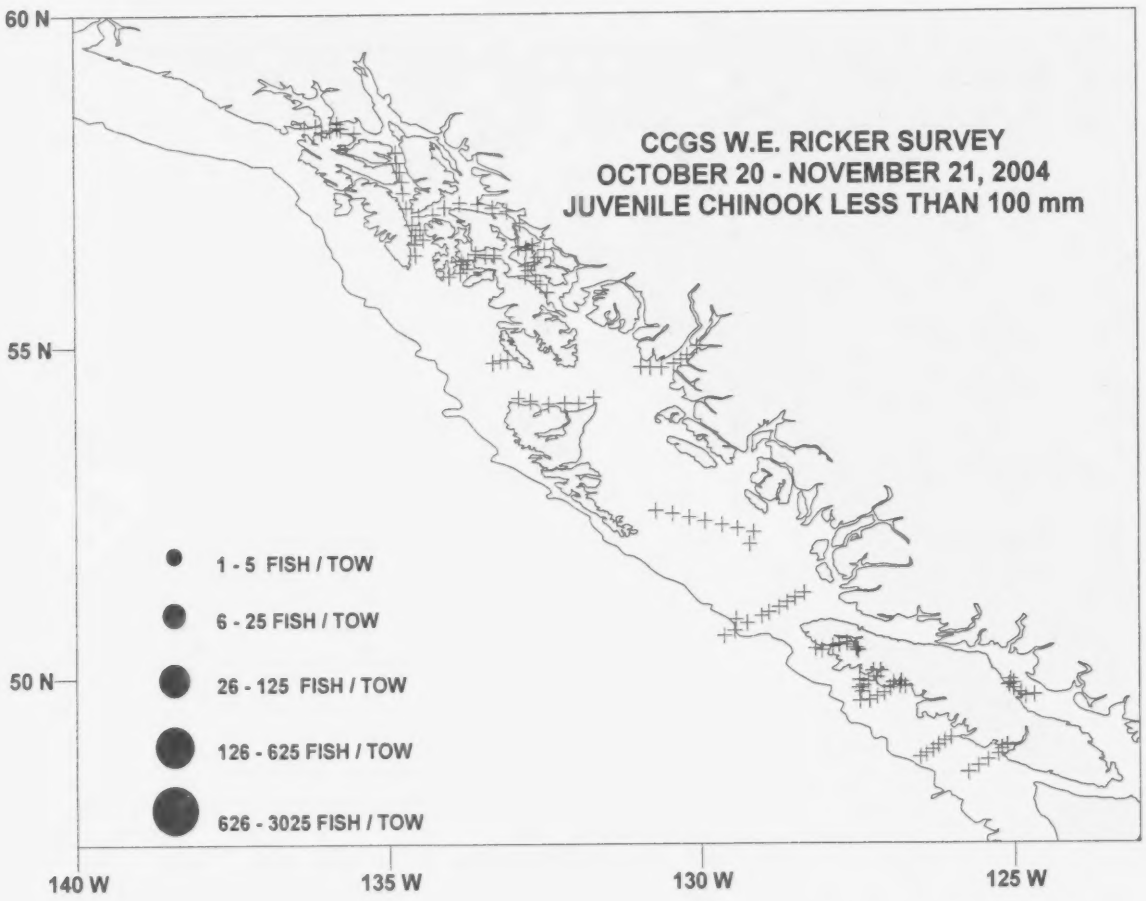
CCGS W.E. RICKER SURVEY
OCTOBER 20 - NOVEMBER 21, 2004
JUVENILE CHINOOK LESS THAN 100 mm
60 N
55 N
50 N
140 W
135 W
130 W
125 W
1 - 5 FISH / TOW
6 - 25 FISH / TOW
26 - 125 FISH / TOW
126 - 625 FISH / TOW
626 - 3025 FISH / TOW

Figure 8. Distribution of catches of juvenile chinook less than 100 mm in fork length. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

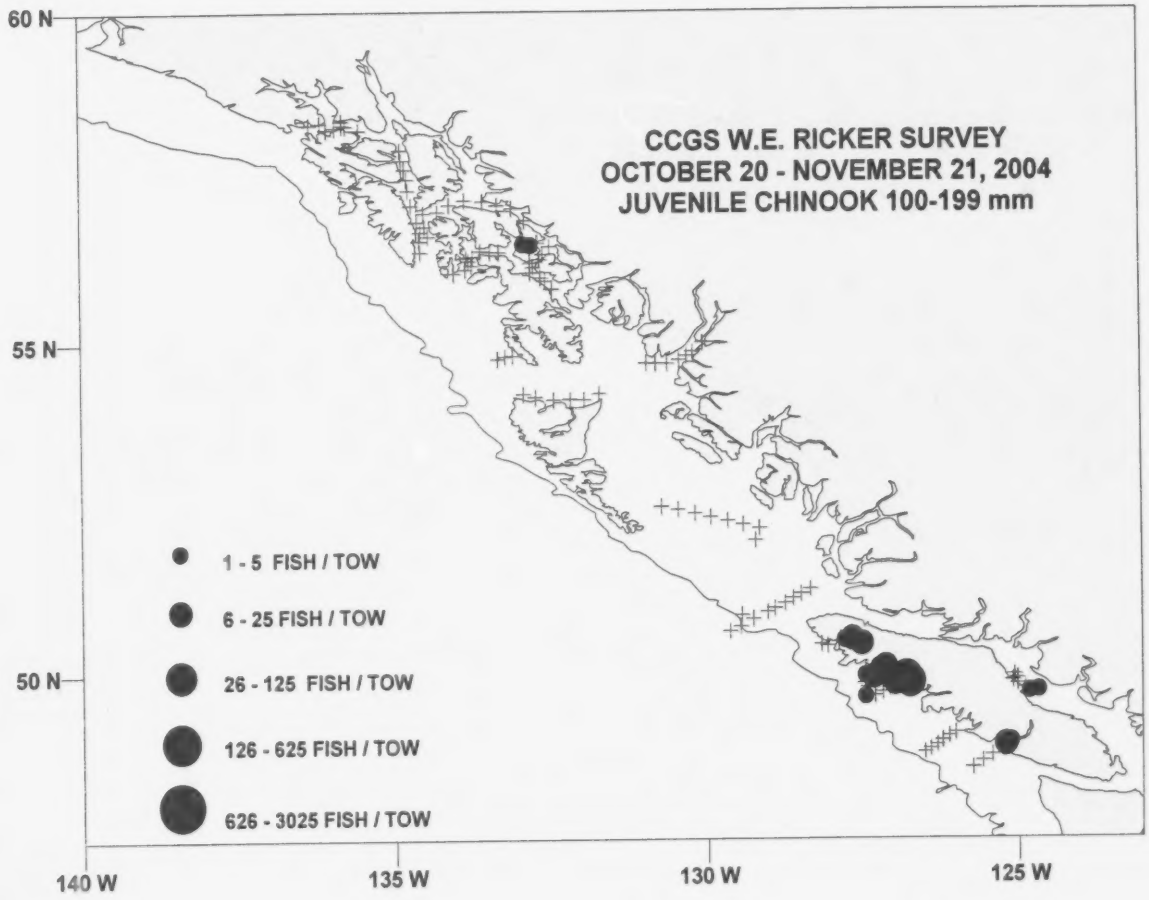

Figure 9. Distribution of catches of juvenile chinook salmon from 100 to 199 mm. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

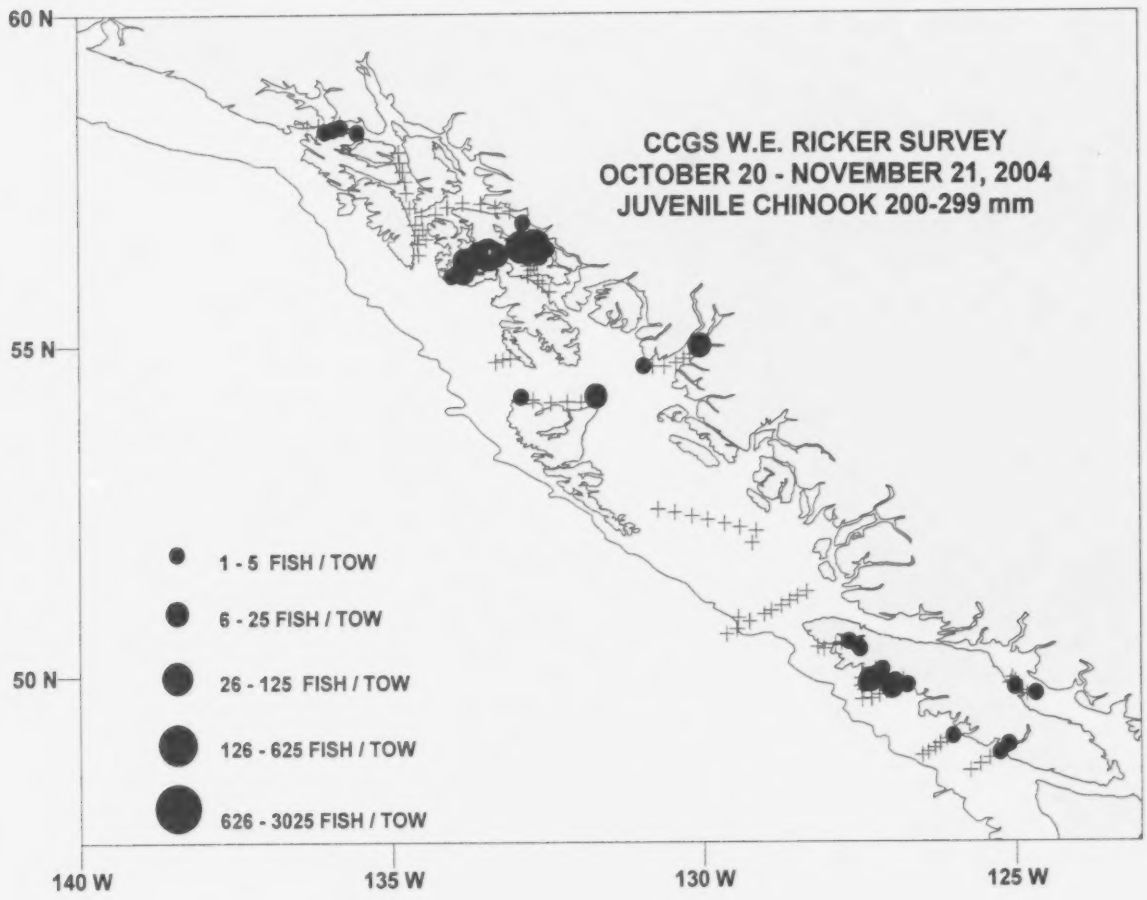

Figure 10. Distribution of catches of juvenile chinook salmon from 200 to 299 mm. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

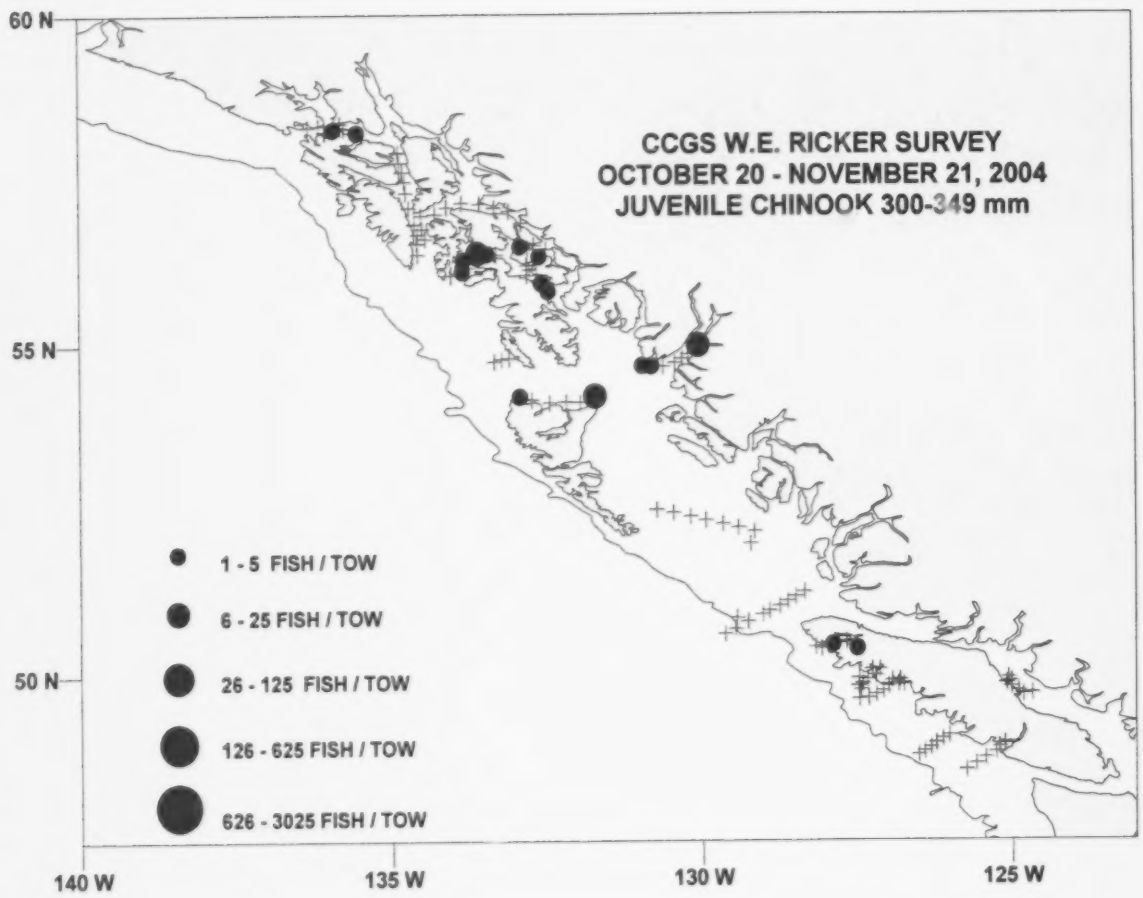

Figure 11. Distribution of catches of juvenile chinook salmon from 300 to 349 mm. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

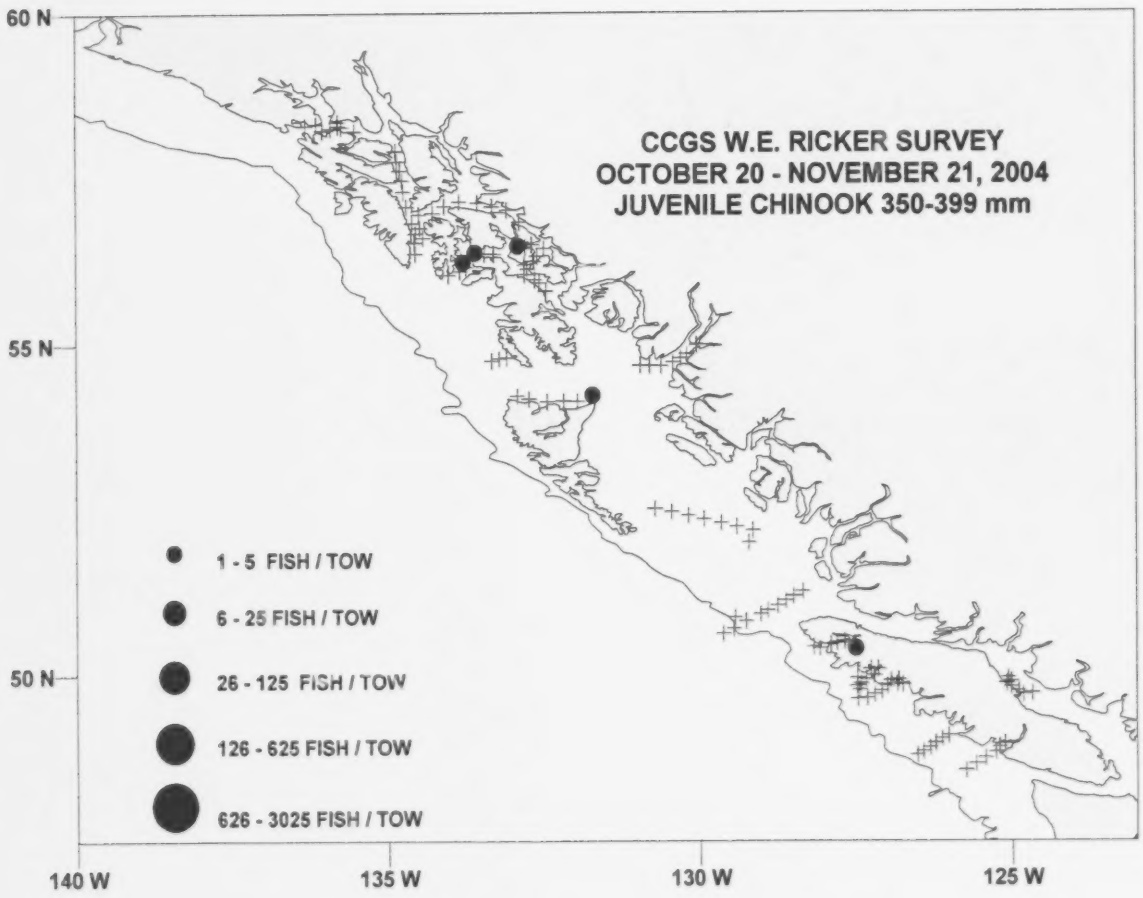

Figure 12. Distribution of catches of chinook salmon from 350 to 399 mm. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

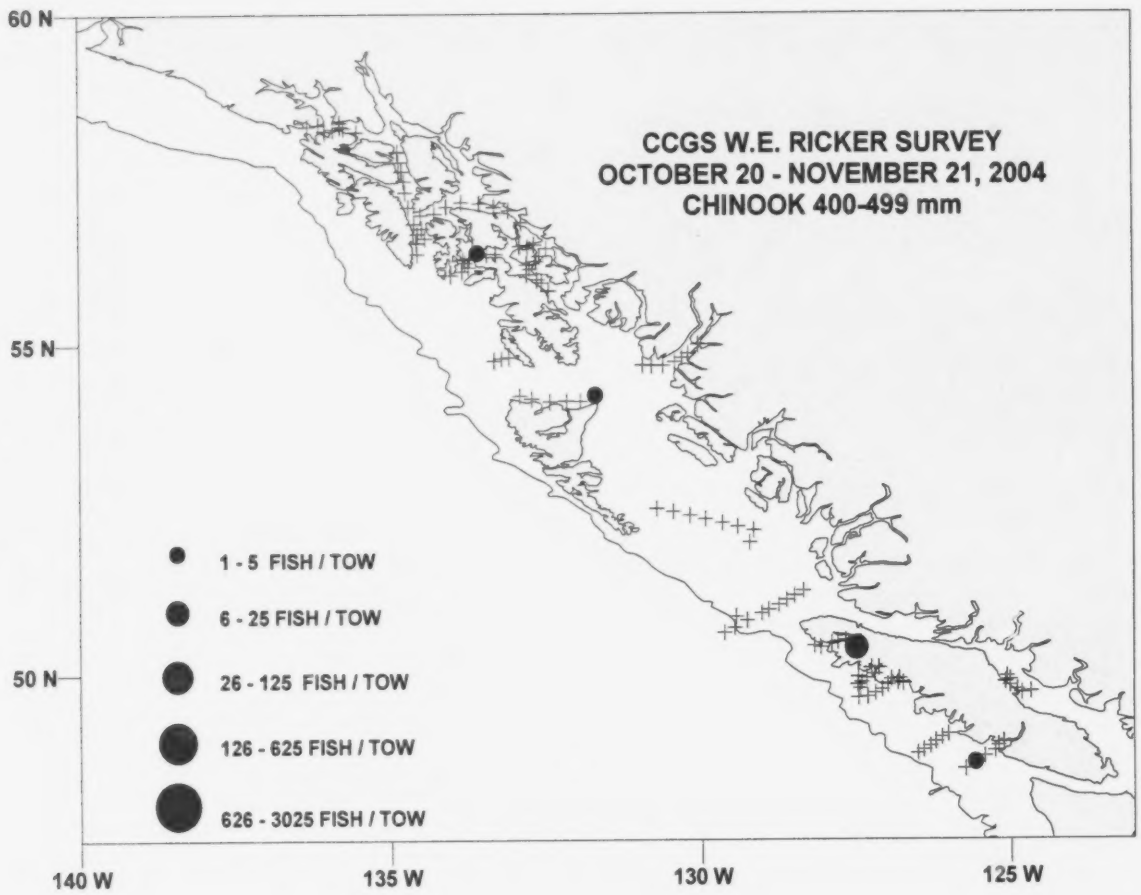

Figure 13. Distribution of catches of chinook salmon from 400 to 499 mm. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

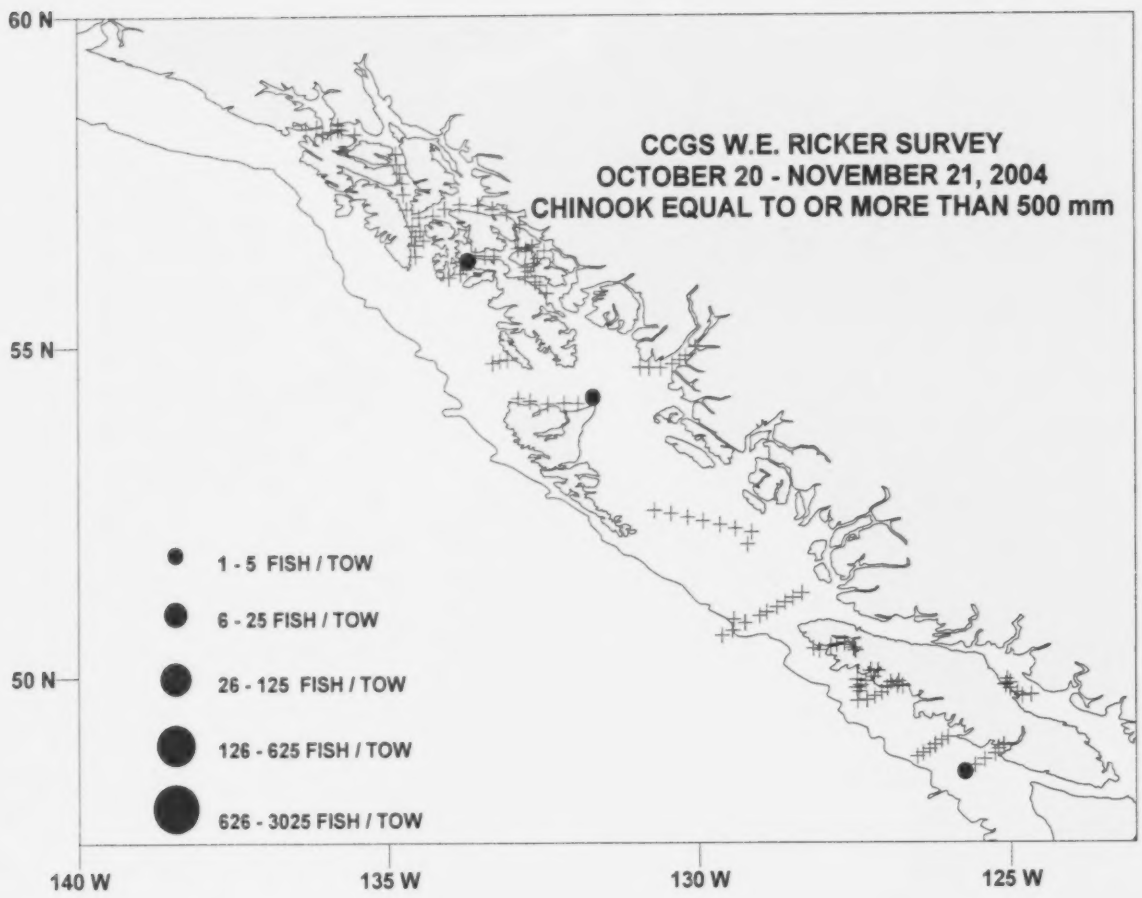
60 N
55 N
50 N
140 W
135 W
130 W
125 W
CCGS W.E. RICKER SURVEY
OCTOBER 20 - NOVEMBER 21, 2004
CHINOOK EQUAL TO OR MORE THAN 500 mm
1 - 5 FISH / TOW
6 - 25 FISH / TOW
26 - 125 FISH / TOW
126 - 625 FISH / TOW
626 - 3025 FISH / TOW

Figure 14. Distribution of of chinook salmon greater than or equal to 500 mm. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

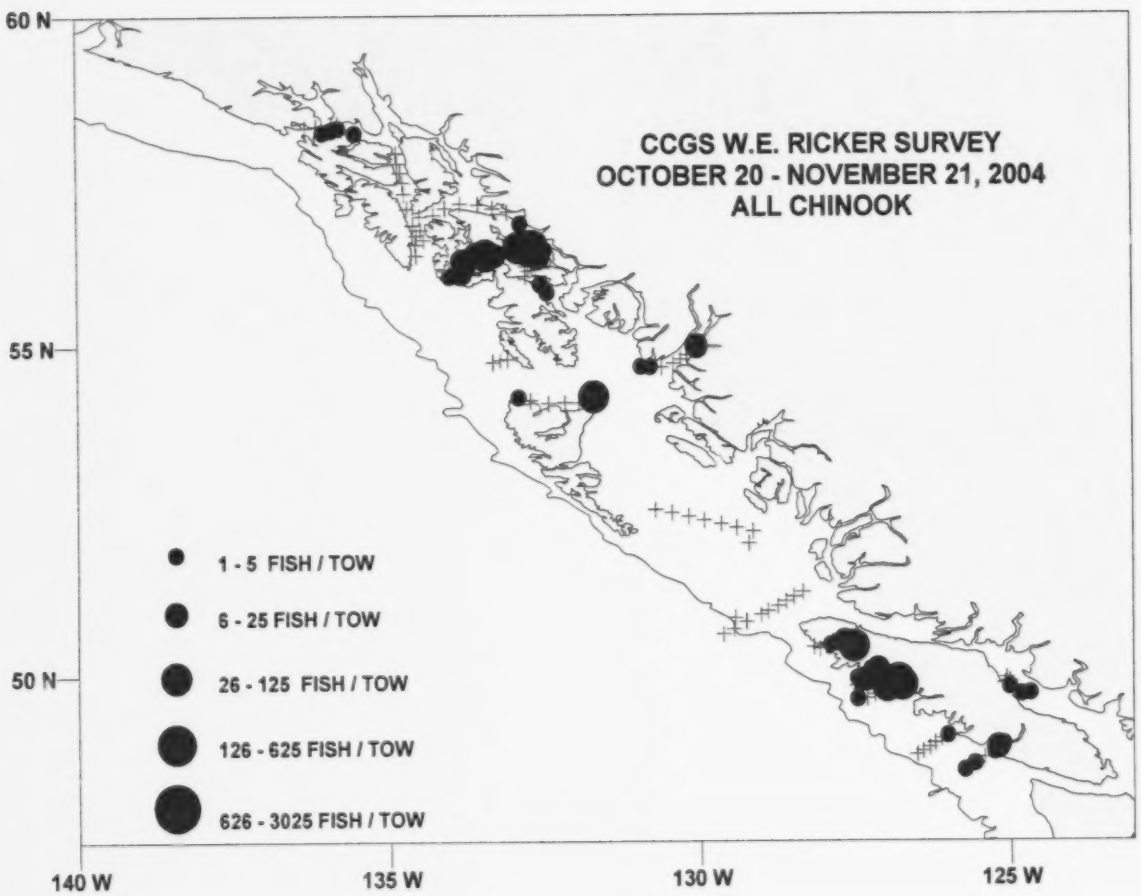

Figure 15. Distribution of catches of chinook from all size classes. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

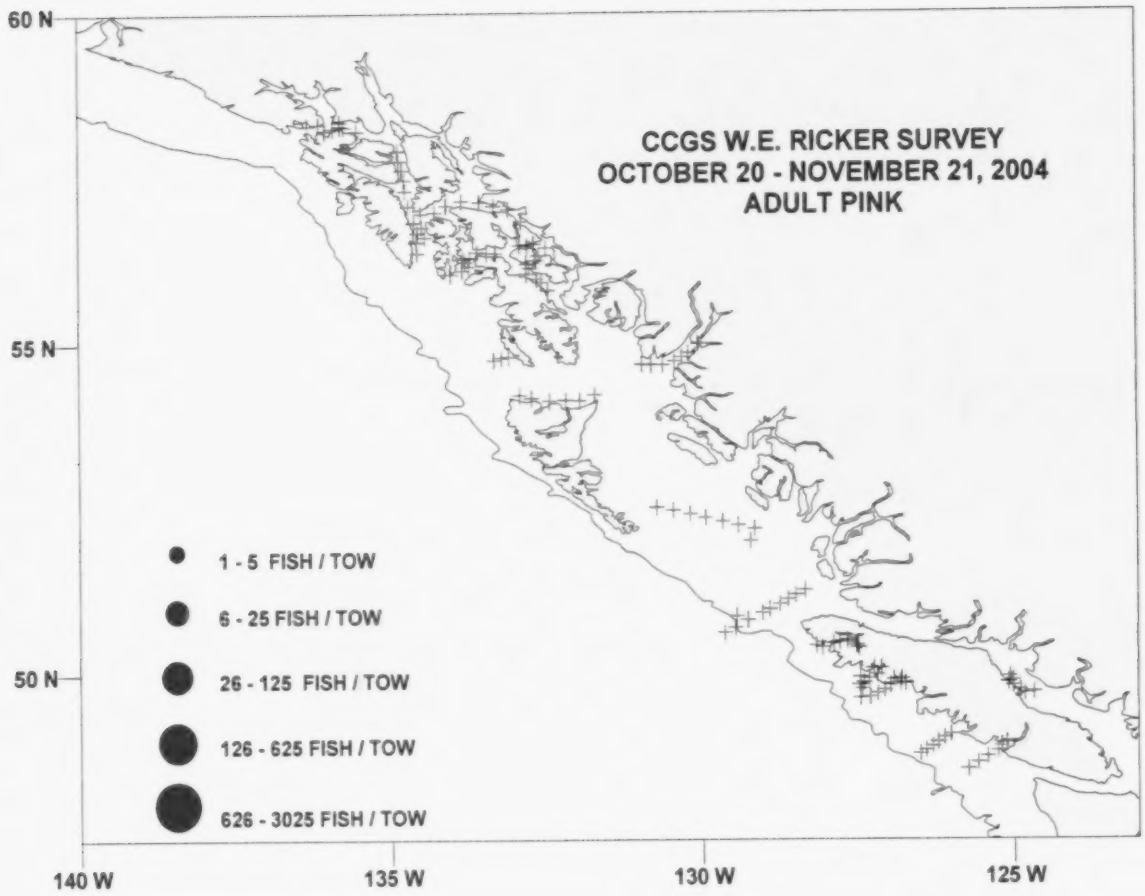

Figure 16. Distribution of age 0.1 adult pink catches. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

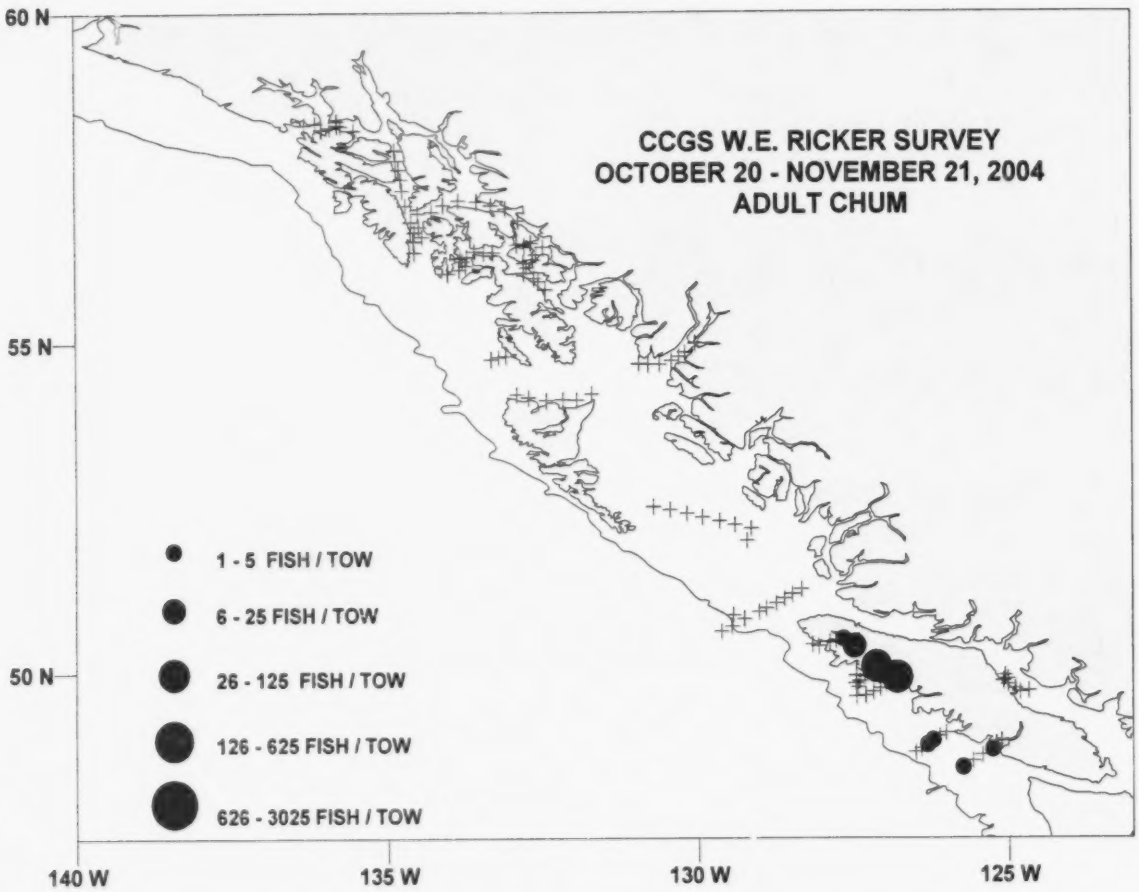

Figure 17. Distribution of adult chum catches. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

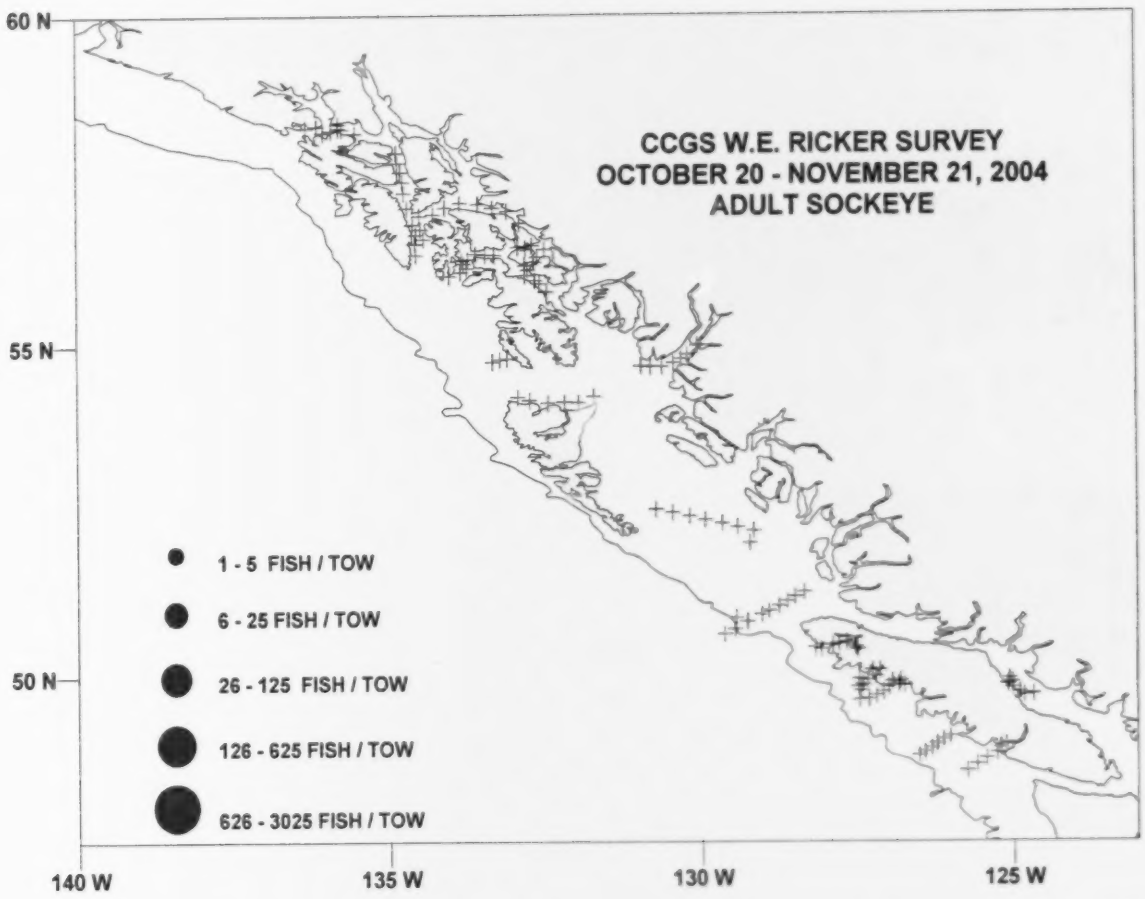

Figure 18. Distribution of adult sockeye catches. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

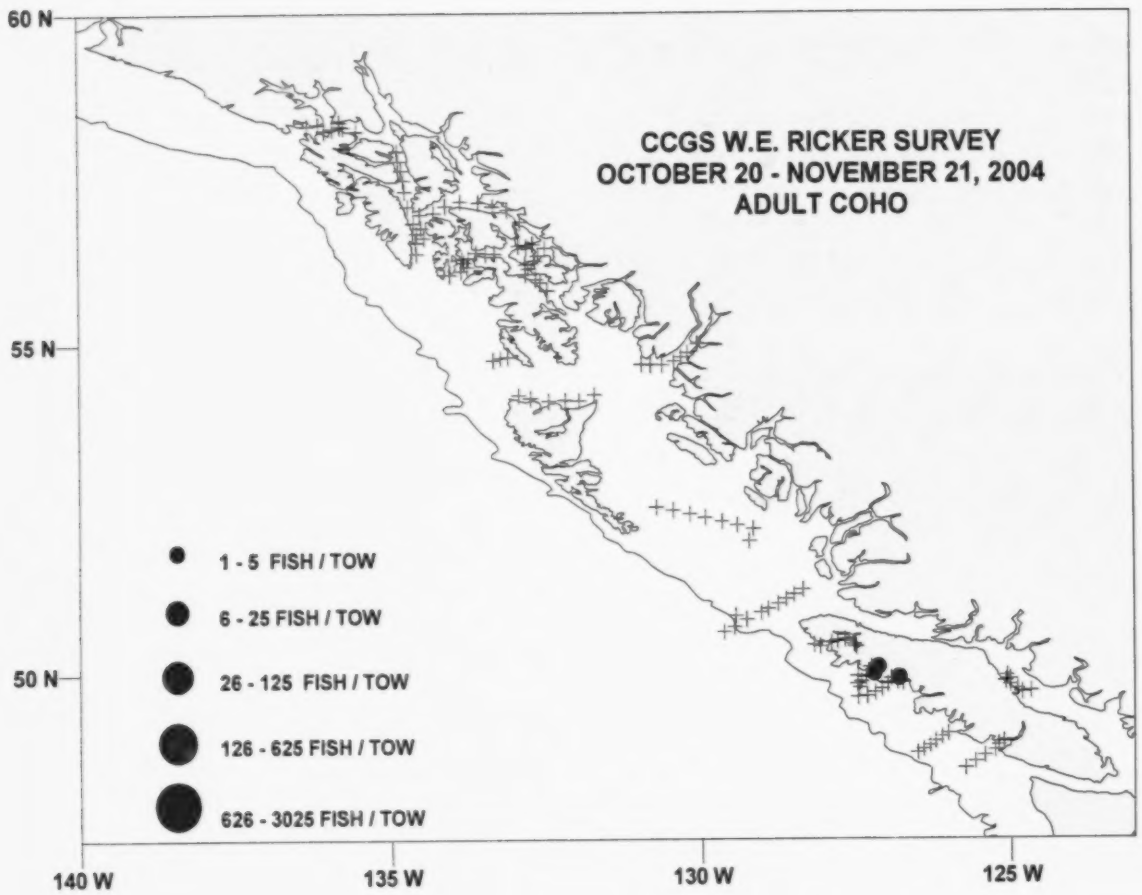

Figure 19. Distribution of adult coho catches. Symbol size (•) is proportional to catch per tow; zero catches are shown by a (+).

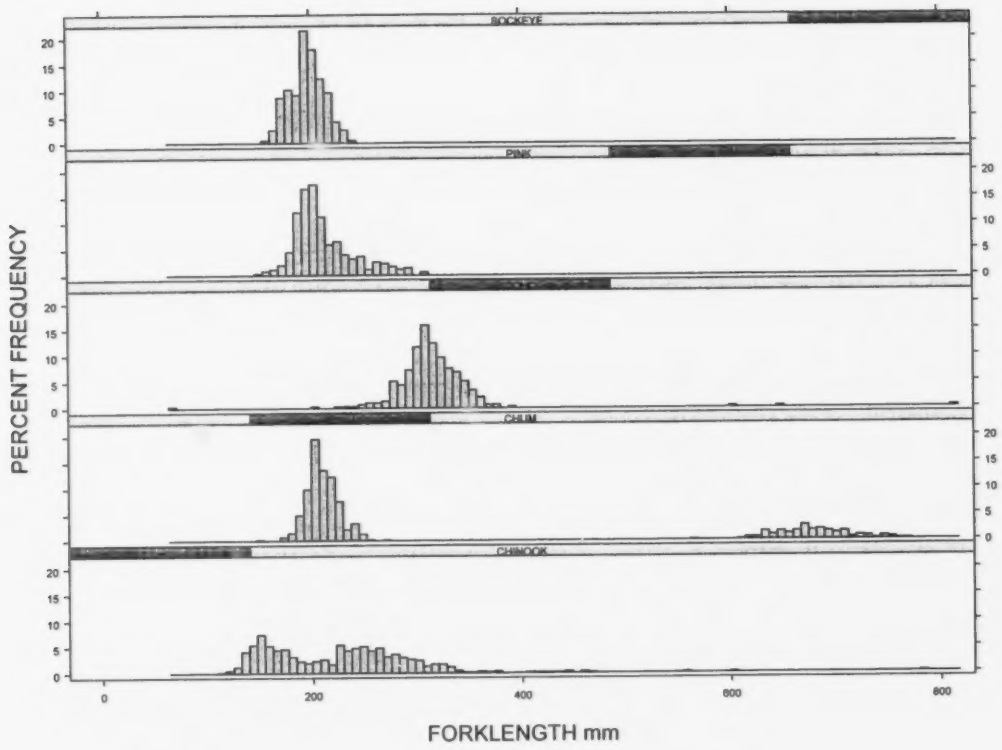

Figure 20. Size distribution (fork length; mm) of Pacific salmon caught on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004.

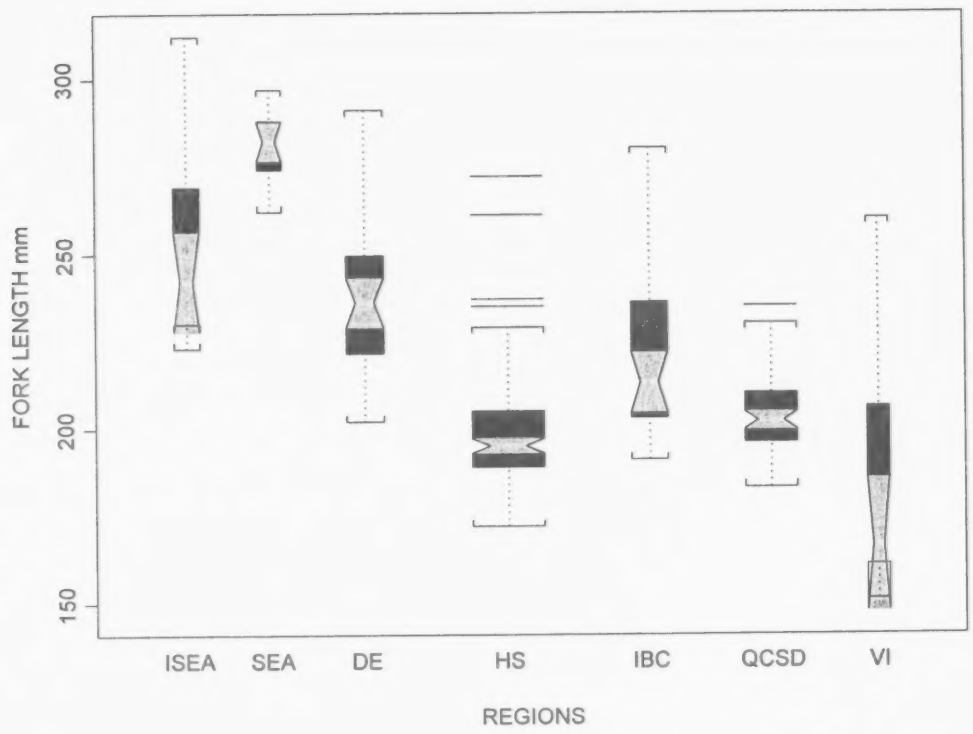

Figure 21. Boxplots of size distributions by region for juvenile pink salmon on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004. Boxplots for each region are displayed along a latitudinal gradient that runs along the x-axis with the most northern region on the left.

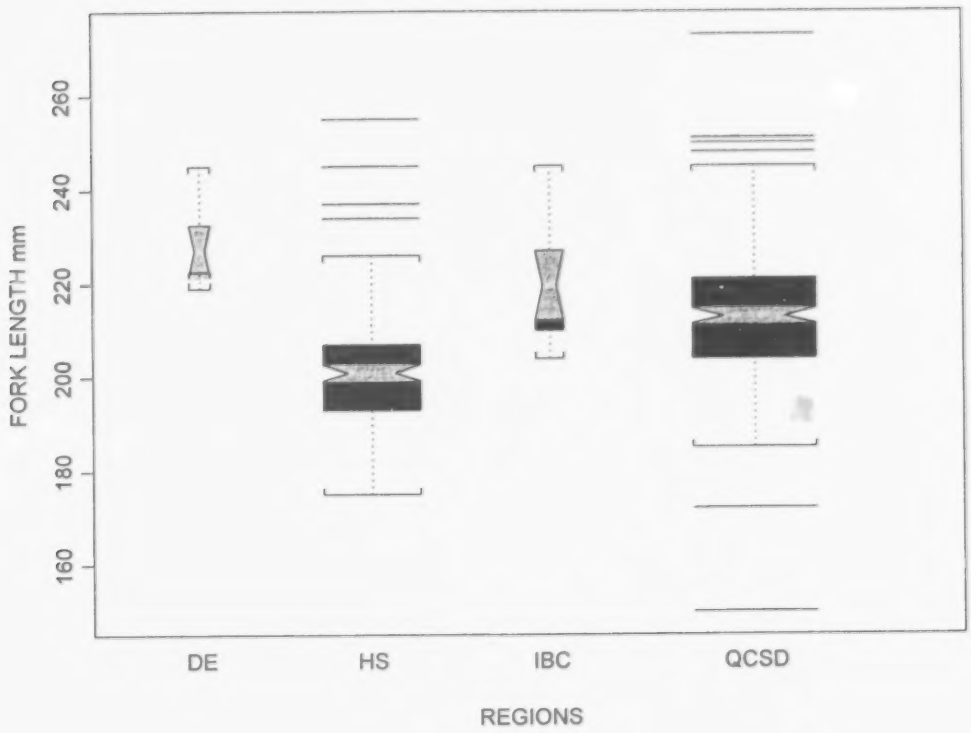

Figure 22. Boxplots of size distributions by region for juvenile chum salmon on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004. Boxplots for each region are displayed along a latitudinal gradient that runs along the x-axis with the most northern region on the left.

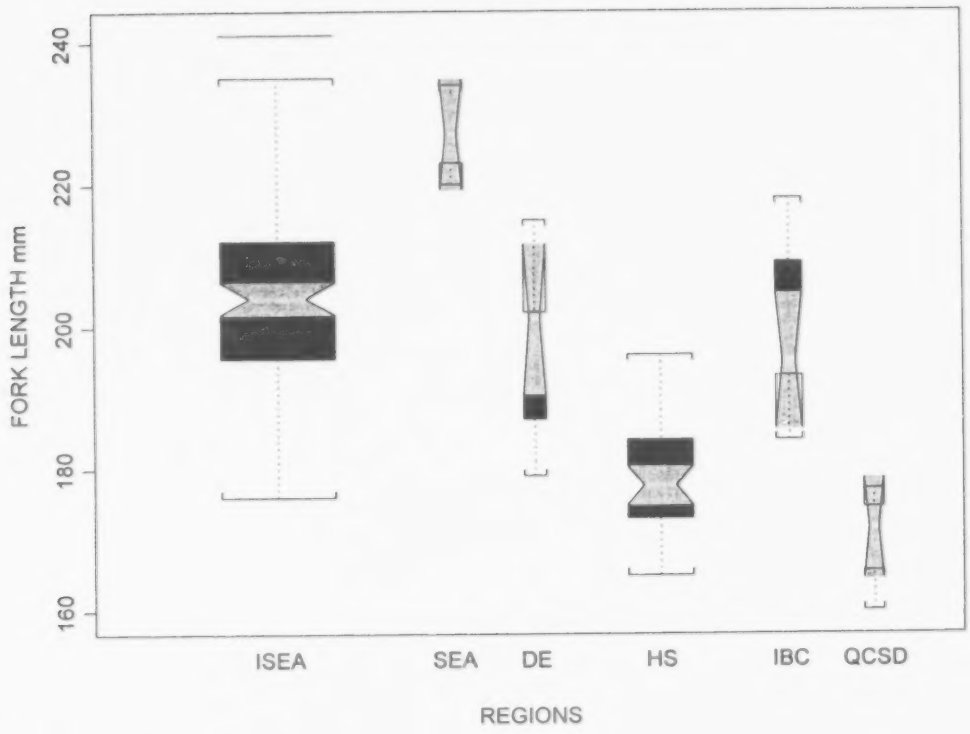

Figure 23. Boxplots of size distributions by region for juvenile sockeye salmon on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004. Boxplots for each region are displayed along a latitudinal gradient that runs along the x-axis with the most northern region on the left.

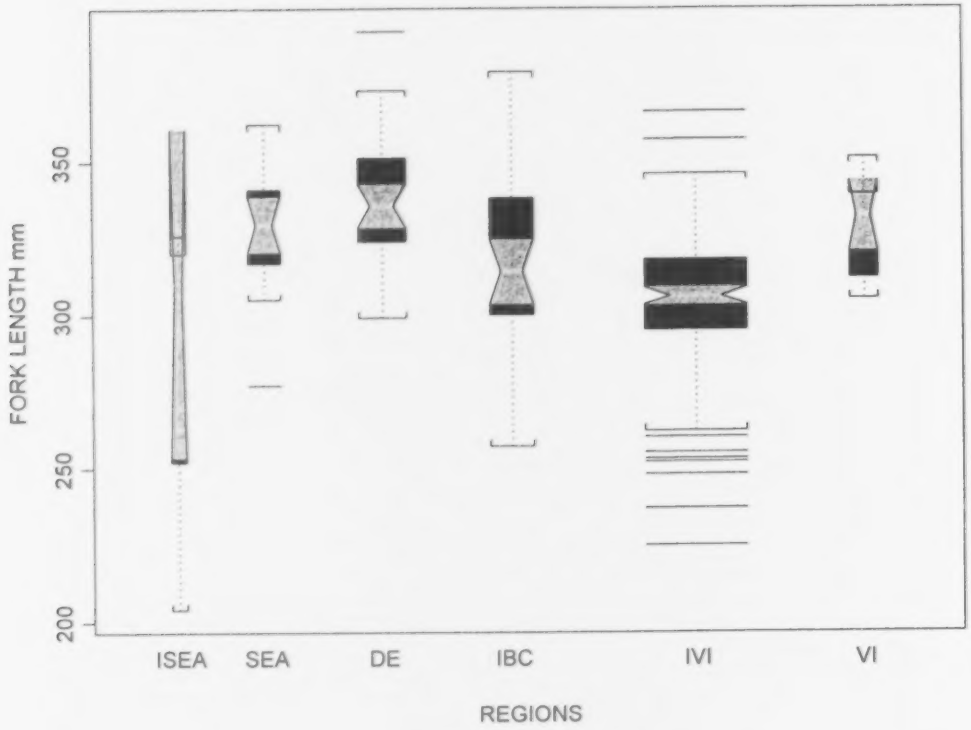

Figure 24. Boxplots of size distributions by region for juvenile coho salmon on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004. Boxplots for each region are displayed along a latitudinal gradient that runs along the x-axis with the most northern region on the left.

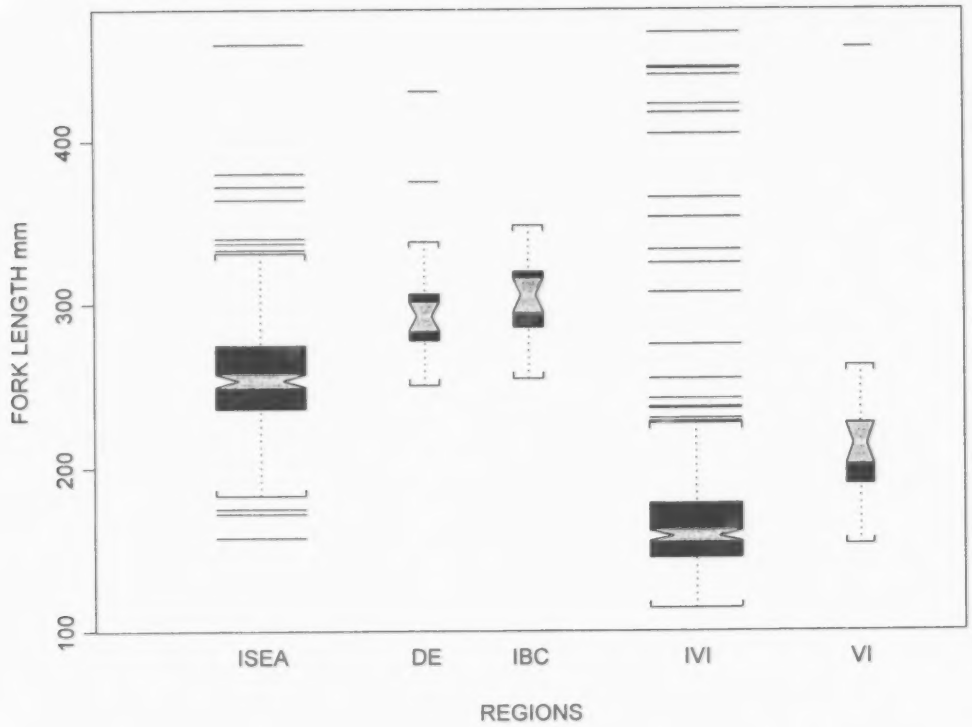

Figure 25. Boxplots of size distributions by region for chinook salmon on the CCGS W. E. Ricker survey to the Gulf of Alaska from October 20 - November 21, 2004. Boxplots for each region are displayed along a latitudinal gradient that runs along the x-axis with the most northern region on the left.